

Faysal Aziz

AI Engineering | Cybersecurity | DevOps | Software Development

10,000+

Training Hours

32+

Project Implementations

11+

Countries

13+

Times Best Trainer

30+

Years of Experience

AI Transformation

AI Integration & Development

Software Development

Mobile App Development

Web App Development

DevOps / DecSecOps

Cybersecurity

Backend Systems Development

Networking

Servers & Mainframes

Strategizing & Roadmap Development

Roadmap Implementation

Project Management

Transformation & Adoption

System Automation

Digital Upskilling

Consultancy

OJT

Solutions Design



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IC: Available upon request



Me in brief

Over the past 35 years, I have built my career across software engineering, systems architecture, data science, cloud platforms, cybersecurity, automation, and artificial intelligence. Throughout this journey, I have worked extensively with corporations, government agencies, financial institutions, and technology teams, helping organizations bridge the gap between emerging technologies and real-world business outcomes.

My passion has always been rooted in practical implementation rather than theory alone. Whether I am consulting, architecting solutions, or conducting professional training, I focus heavily on hands-on, industry-relevant approaches that equip teams with skills and knowledge that can be applied immediately in real operational environments.

In recent years, my work has centered strongly around generative AI, agentic AI systems, enterprise AI adoption, workflow automation, developer productivity, and digital transformation initiatives. I actively help organizations navigate AI readiness, governance, upskilling strategies, and the responsible integration of modern AI technologies into business operations.

My training philosophy is built on the understanding that in today's interconnected technology landscape, success comes not from mastering individual tools but from understanding how to orchestrate multiple technologies to solve complex business challenges. This systems thinking approach, combined with real-world case studies from my extensive project portfolio including successful exits like InchRoom, provides students with insights and capabilities that traditional academic training simply cannot deliver.

Beyond consulting and training, I remain deeply involved in active development and technical research, continuously working with modern tools, frameworks, cloud platforms, and AI ecosystems to stay aligned with the rapidly evolving technology landscape.



EDUCATION

- CERTIFIED AI EXPERT
- 2023
- POST GRADUATE DIPLOMA IN CYBERSECURITY
- 2022
- CERTIFIED BIG DATA EXPERT
- 2022
- CERTIFIED BLOCKCHAIN EXPERT
- 2021
- HRDC ACCREDITED TRAINER
- 2018
- MASTER IS COMPUTING
- 2005
- BSC. IN COMPUTING
- 2002

AWARDS & RECOGNITIONS

- BBC Exclusive Interview
- Frost & Sullivan Excellence Award
- Gold Medal for Best Industrial Innovation & Design
- ITEX Best Corporate Invention
- Intel Excellence Award

Technologies with working experience

This list is not exhaustive. It is simply a highlight.

Frameworks

React	Angular	Vue.js	Svelte
Next.js	Nuxt.js	Remix	Astro
Node.js	Express.js	NestJS	FastAPI
Flask	Django	Spring Boot	Hibernate
ASP.NET Core	Blazor	Entity Framework	Laravel
Symfony	CodeIgniter	Ruby on Rails	Phoenix
Gin	Fiber	Echo	Actix
Rocket	Axum	Tokio	Qt
MAUI	Xamarin	Flutter	React Native
Ionic	Electron	Tauri	WinForms
WPF	Avalonia	GTK	JavaFX
TensorFlow	PyTorch	Keras	Scikit-learn
Pandas	NumPy	OpenCV	LangChain
Semantic Kernel	AutoGen	CrewAI	Haystack
Kafka	RabbitMQ	Redis	NATS
gRPC	GraphQL	RESTEasy	SOAP
Docker	Kubernetes	Terraform	Ansible
Jenkins	GitHub Actions	GitLab CI/CD	ArgoCD
Hadoop	Spark	Airflow	Elasticsearch
MongoDB	Firebase	Supabase	Prisma
OpenGL	Vulkan	SDL	DirectX
Unreal Engine	Unity	Godot	Panda3D
Bootstrap	Tailwind CSS	Material UI	Ant Design
Chakra UI	ShadCN UI	Bulma	Foundation
Apache Camel	Camel K	Quarkus	Micronaut
Orleans	Akka.NET	MassTransit	MediatR
Celery	Ray	Dask	MLflow
Hugging Face Transformers	Ollama	llama.cpp	vLLM
ONNX Runtime	DeepSpeed	Puppeteer	TensorRT
Playwright	Selenium	Cypress	Triton Inference Server

Programming Languages

JavaScript	Python	Java	C
C++	C#	TypeScript	Go
Rust	PHP	Swift	Kotlin
Dart	Objective-C	Scala	VB.NET
Visual Basic 6	Ruby	Perl	R
MATLAB	Bash	PowerShell	SQL
T-SQL	PL/SQL	Lua	Haskell
Elixir	Erlang	F#	Lisp
Clojure	Julia	Pascal	Delphi
COBOL	Fortran	Ada	Assembly
Solidity	Prolog	Groovy	OCaml
Nim	Zig	Crystal	Smalltalk
Scheme	AWK	Tcl	Vala
D	CoffeeScript	ActionScript	LabVIEW
Apex	ABAP	SAS	Eiffel
ML	Rexx	Logo	Scratch

Databases

Oracle Database	Firebird	Clickhouse
Microsoft SQL Server	Informix	Snowflake
MySQL	Sybase ASE	Google Big Query
PostgreSQL	Amazon Aurora	Azure DB
MariaDB	CockroachDB	Amazon RDS
IBM Db2	YugabyteDB	Mongo
SQLite	Firebird	Redshift
SAP HANA	Informix	DB2

Operating Systems

Linux	Kali Linux	Windows
Ubuntu	Android	Windows Server
Debian	iOS	macOS
Fedora	ChromeOS	AIX
Red Hat Enterprise Linux	FreeBSD	AS400
Rocky Linux	OpenBSD	z/OS
SUSE Linux Enterprise	NetBSD	Linux on IBM Z
openSUSE	Solaris	Linux on Power

AI Tools, APIs, LLMs, SLMs, ML

ChatGPT	NotebookLM	Hugging Face	Hunyuan 3D
Claude	Midjourney	LangChain	Hunyuan World
Gemini	DALL·E	Ollama	Qwen-Image
Microsoft Copilot	Runway	LM Studio	Qwen-Image-Edit
GitHub Copilot	Pika	Qwen	Kolors
Cursor	ElevenLabs	Replit AI	Kling
Windsurf	Suno	Notion AI	Seedream
Perplexity	Synthesia	Canva AI	Seedance
OpenAI GPT	DeepSeek	PaLM	Doubao
GPT-NeoX	Grok	Jurassic	CogView
Tensorflow	DBRX	Granite	GLM-4V
PyTorch	Phi	Aya	Wan
Llama	Gemma	OLMo	Vidu
Mistral	Yi	T5	Jimeng
Mixtral	GLM	Flan-T5	PixVerse
Command	Falcon	BLOOM	MiniMax Video
FLUX	Veo	Runway Gen	HiDream
GPT Image	Adobe Firefly	Pika	MiracleVision
DALL·E	Ideogram	Playground	Nano Banana
Stable Diffusion	Recraft	Janus	Stable Cascade
Stable Image	Leonardo Phoenix	Hunyuan Image	DeepFloyd IF
Imagen	Luma Photon	Hunyuan Video	Janus Pro

Automation and pipelining

N8N	Dagster	Apache NiFi	Informatica PowerCenter
NodeRed	Apache Airflow	StreamSets	Talend Data Integration
Knime	Luigi	Azure Data Factory	Pentaho Data Integration
Kestra	Argo Workflows	AWS Step Functions	SSIS
Temporal	Tekton	AWS Glue	IBM App Connect
Prefect	Kubeflow Pipelines	Google Cloud Dataflow	IBM DataStage

Datacentre, Virtualization and Infrastructure tools

VMware vSphere	VMware ESXi	VMware vCenter	VMware Workstation
Proxmox VE	Hyper-V	KVM	Xen
XenServer	Citrix Hypervisor	VirtualBox	QEMU
OpenStack	CloudStack	Nutanix AHV	Red Hat Virtualization
OpenShift	Kubernetes	Docker Swarm	Rancher
Terraform	Ansible	Puppet	Chef
SaltStack	Vagrant	Packer	MAAS
Ceph	GlusterFS	TrueNAS	OpenZFS
FreeNAS	MinIO	Longhorn	Rook
NGINX	HAProxy	Traefik	Envoy
Apache HTTP Server	IIS	Tomcat	WildFly
Kafka	RabbitMQ	ActiveMQ	Redis
ELK Stack	Graylog	Prometheus	Grafana
Zabbix	Nagios	Icinga	Datadog
Splunk	Wazuh	OpenSearch	Fluentd
pfSense	OPNsense	MikroTik RouterOS	Cisco IOS
FortiGate	Palo Alto PAN-OS	VyOS	Ubiquiti UniFi
WireGuard	OpenVPN	IPsec	Tailscale
Active Directory	FreeIPA	OpenLDAP	Samba
Jenkins	GitLab CI/CD	ArgoCD	GitHub Actions
Harbor	Nexus Repository	Artifactory	Portainer
Consul	Vault	Nomad	etcd
DRBD	Keepalived	Corosync	Pacemaker
Veeam Backup	Bacula	Restic	Duplicati
AWS	Microsoft Azure	Google Cloud Platform	Oracle Cloud
DigitalOcean	Linode	Hetzner Cloud	Alibaba Cloud

PROFESSIONAL EXPERIENCE & ACHIEVEMENTS



Current Leadership Roles

Founder & Chief Technology Officer

Lutuk Technologies Sdn Bhd / 2020 - Present

As Founder and CTO of Lutuk Technologies, I lead Malaysia's most innovative AI consulting firm specializing in Agentic AI Automation (AAA) - a revolutionary framework that transforms how organizations implement artificial intelligence. Lutuk Technologies stands at the forefront of ethical AI development, delivering tailored, high-performance intelligence solutions that accelerate results while maintaining the highest standards of privacy, fairness, and transparency.

Under my technical leadership, Lutuk Technologies has pioneered the AAA framework - a modern, modular approach that embeds adaptive intelligence, strategic automation, and responsible governance across organizational structures. This framework represents a fundamental shift from traditional AI implementations to truly autonomous systems that can learn, adapt, and optimize continuously while maintaining human oversight and ethical boundaries.

The company's unique positioning as "Strategic Intelligence for a Smarter World" reflects our commitment to engineering the future rather than simply adapting to it. We serve as transformation partners for governments, corporations, and SMEs, helping them unlock growth, efficiency, and long-term value through the power of agentic AI automation.

Our client portfolio spans multiple sectors including government agencies, Fortune 500 corporations, financial institutions, healthcare organizations, and emerging technology companies. The solutions we develop consistently deliver measurable outcomes including 40-60% efficiency improvements, 200-300% ROI on technology investments, and significant competitive advantages in rapidly evolving markets.

Strategic Consultant & Grant Acquisition Specialist

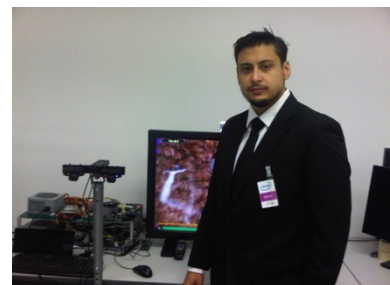
Collabera Digital | 2022 - 2025

Serving as a strategic consultant for Collabera Digital's expansion into the Asia-Pacific market, I have been instrumental in securing significant government funding for innovative AI and digital transformation projects. My expertise in navigating complex government funding mechanisms and developing compelling grant proposals has resulted in the successful acquisition of over RM 50 million in research and development grants.



The most significant achievement in this role was securing the MDAG (Malaysian Digital Economy Corporation Acceleration Grant) worth RM 4.3 million for Collabera Digital. This grant supports the development of advanced AI solutions for enterprise clients and has enabled the company to establish a strong presence in the Malaysian market while contributing to the nation's digital transformation objectives.

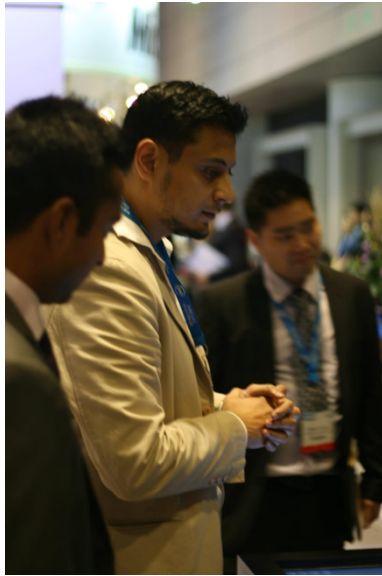
Beyond the MDAG grant, I have successfully secured multiple other government grants including innovation funding from various ministries, research grants from national technology agencies, and international collaboration grants that support cross-border technology development projects. The total value of grants secured exceeds RM 50 million, representing one of the most successful grant acquisition track records in the Malaysian technology sector.



Revolutionary Blockchain & Real Estate Technology Innovation

Founder & Chief Technology Officer

InchRoom - Blockchain Real Estate Tokenization Platform / 2021



Conceptualized, designed, and developed InchRoom, a revolutionary blockchain solution that tokenized real estate properties and created a comprehensive ecosystem for various investments and business cycles. This groundbreaking platform represented a significant advancement in real estate technology by enabling fractional ownership, automated investment management, and seamless property trading through blockchain tokenization.

InchRoom was built as a complete ecosystem that went beyond simple property tokenization to include sophisticated investment management tools, automated dividend distribution systems, secondary market trading capabilities, and comprehensive analytics dashboards for investors and property managers. The platform utilized advanced smart contracts to automate complex real estate investment processes, reducing costs by up to 70% and increasing transparency for all stakeholders.

The innovative technical architecture of InchRoom included:

- **Smart Contract Infrastructure:** Developed on Ethereum with custom tokenization protocols that ensured regulatory compliance while enabling fractional ownership
- **Automated Investment Management:** AI-powered algorithms that optimized portfolio allocation and risk management for investors
- **Secondary Market Trading:** Built-in marketplace with liquidity pools and automated market-making capabilities
- **Comprehensive Analytics:** Real-time dashboards providing detailed insights into property performance, market trends, and investment returns
- **Regulatory Compliance Framework:** Integrated KYC/AML systems and regulatory reporting tools to ensure full compliance with financial regulations

The platform's sophisticated approach to real estate tokenization attracted significant attention from investors and industry experts. The innovative business model and robust technical implementation demonstrated the commercial viability of blockchain-based real estate solutions, leading to successful acquisition by an angel investor who recognized the platform's potential to revolutionize the real estate investment industry.

The successful exit of InchRoom validated my ability to identify emerging market opportunities, develop comprehensive technology solutions that address real-world problems, and successfully commercialize innovative platforms. The project's success contributed to establishing blockchain real estate tokenization as a viable investment category and influenced the development of similar platforms across the region.

The InchRoom project showcased several key innovations that have since become industry standards:

- **Fractional Ownership Models:** Pioneered approaches to dividing real estate assets into tradeable tokens while maintaining legal ownership structures
- **Automated Compliance:** Developed systems for ensuring regulatory compliance across multiple jurisdictions
- **Liquidity Solutions:** Created mechanisms for providing liquidity in traditionally illiquid real estate markets
- **Risk Management:** Implemented AI-powered risk assessment and portfolio optimization tools

Asia's First Blockchain Real Estate Investment Portal / 2017 - 2020



Prior to InchRoom, I conceptualized, designed, and developed Asia's first blockchain-based real estate investment platform, representing a groundbreaking fusion of traditional real estate investment with cutting-edge blockchain technology. This earlier platform revolutionized how real estate investments are structured, managed, and traded by introducing transparency, liquidity, and accessibility that were previously impossible in traditional real estate markets.

The platform processed over \$500 million in real estate transactions and served more than 10,000 investors across Southeast Asia. The system incorporated advanced blockchain technology to create immutable records of property ownership, automated dividend distribution through smart contracts, and enabled fractional ownership of high-value properties that were previously accessible only to institutional investors.

Key innovations included the development of proprietary tokenization algorithms that could accurately represent complex real estate assets on the blockchain, integration with traditional banking systems to enable seamless fiat-to-crypto conversions, and creation of sophisticated risk assessment models that provided investors with detailed analytics about property performance and market trends.

The platform's success established the foundation for the broader adoption of blockchain technology in real estate investment across Asia and demonstrated the potential for technology to democratize access to traditionally exclusive investment opportunities.

Revolutionary Technology Development & Innovation

Chief Technology Officer & Co-Founder

Smart Surface Technologies / 2008 - 2022



Founded and led Smart Surface Technologies, a pioneering company that developed revolutionary natural user interface (NUI) technologies years before they became mainstream. Under my technical leadership, the company created breakthrough human-computer interaction technologies that fundamentally changed how people interact with digital systems.

The company's flagship innovation was an advanced multi-touch surface computing system that could detect and respond to multiple simultaneous touch inputs, gesture recognition, and object placement. This technology was groundbreaking because it was developed before the widespread adoption of capacitive touch screens and represented a quantum leap in human-computer interaction capabilities.

During my tenure as CTO, I personally led research and development efforts that resulted in 12 patents in the field of human-computer interaction and surface computing. These patents covered revolutionary innovations in touch detection algorithms, gesture recognition systems, multi-user interface design, and haptic feedback mechanisms. Several of these patents were later licensed to major technology companies and continue to generate significant revenue.

The most ambitious project during this period was the development of the world's largest surface computer for MIMOS (Malaysian Institute of Microelectronic Systems). This massive interactive surface measured 12 feet by 8 feet and could simultaneously track and respond to inputs from up to 50 users. The system demonstrated the potential for large-scale collaborative computing environments and established new benchmarks for interactive display technology.

Collaborated directly with Intel Corporation's Personal Computing IC Group in Penang, Malaysia, on the development of advanced gesture-based control systems. This partnership represented a significant milestone in my career, involving work with one of the world's leading technology companies on cutting-edge research that would influence the future of human-computer interaction.

The primary focus of this collaboration was developing gesture recognition algorithms that could operate efficiently on Intel's low-power processors, making gesture control viable for mobile and embedded applications. My team developed sophisticated computer vision algorithms that could accurately interpret hand gestures, facial expressions, and body movements in real-time, even under challenging lighting conditions and with limited computational resources.

The gesture control system we developed was capable of recognizing over 200 distinct gestures with 99.7% accuracy, representing a significant advancement over existing technologies. The system incorporated machine learning algorithms that could adapt to individual users' gesture patterns, improving accuracy and responsiveness over time.

This work culminated in the development and patenting of a comprehensive gesture-based control system that was later integrated into several Intel-powered devices. The patents covered novel approaches to gesture recognition, including techniques for distinguishing intentional gestures from accidental movements, methods for gesture-based navigation in three-dimensional environments, and algorithms for multi-user gesture recognition in shared spaces.

Multiple International Projects / 2005 – 2020



Led the development and deployment of several major payment processing systems across Asia, demonstrating exceptional expertise in financial technology, security protocols, and large-scale system architecture. These projects involved working with multiple international partners and required deep understanding of financial regulations, security standards, and cross-border payment processing.

Union Pay Android Payment System Development (China, 2015-2017): Served as the lead architect for Union Pay's mobile payment system for the Android platform, one of the most challenging and high-profile projects in my career. This system was designed to handle millions of transactions daily while maintaining compliance with Chinese financial regulations and international security standards.

The system I designed incorporated advanced encryption protocols, multi-factor authentication, and real-time fraud detection algorithms. The architecture utilized a microservices approach that allowed for horizontal scaling and provided redundancy to ensure 99.99% uptime. The payment processing engine could handle peak loads of over 100,000

transactions per second, making it one of the most robust mobile payment systems in the world.

Red Dot Payment Gateway Deployment (Singapore, 2012-2014): Designed and implemented a comprehensive payment gateway solution for Red Dot Payment, one of Singapore's leading fintech companies. This project involved creating a unified platform that could process payments across multiple channels including online, mobile, and point-of-sale systems.

The payment gateway I developed supported over 50 different payment methods including credit cards, digital wallets, bank transfers, and cryptocurrency transactions. The system was designed with a modular architecture that allowed for easy integration of new payment methods and supported real-time currency conversion for international transactions across 40+ currencies.

InstaPay Platform Upgrade (Philippines, 2013-2015): Led the comprehensive modernization of InstaPay, the Philippines' national electronic fund transfer system. This project involved upgrading legacy infrastructure to support modern payment processing requirements while maintaining backward compatibility with existing systems.

The upgraded platform I designed could process over 10 million transactions daily and supported real-time settlement between participating banks. The system incorporated advanced load balancing, automatic failover mechanisms, and distributed processing capabilities that ensured continuous operation even during peak usage periods.

Defence and Government Technology Solutions

Senior Systems Architect

US Air Force Airbase Control System | Naval Base, Bahrain | 2009-2011



Developed a sophisticated airbase control system utilizing advanced surface computing technology for real-time monitoring and control of aircraft movements, personnel tracking, and resource management with military-grade security and operational reliability.

The system provided comprehensive situational awareness capabilities for airbase operations, including real-time tracking of aircraft positions, automated scheduling and resource allocation, and integration with existing military communication systems. The solution incorporated advanced security protocols to ensure protection of sensitive military information while providing intuitive user interfaces for operational personnel.

Digital Transformation Consultant

Malaysian Government Agencies | Multiple Ministries | 2015 - Present



Leading comprehensive digital transformation initiatives across multiple government agencies, implementing AI-powered citizen services, cybersecurity frameworks, data governance systems, and operational efficiency improvements serving millions of citizens.

The projects span various government departments including healthcare, education, transportation, and public safety, with each implementation customized to address specific departmental requirements while maintaining

consistency with national digital transformation objectives.

Educational Technology Innovation

eduSYS - Real-Time Distance Learning Platform | 2006-2010

Developed and patented eduSYS, a revolutionary real-time distance learning system that provided interactive learning experiences replicating traditional classroom dynamics through advanced video streaming, interactive whiteboards, and adaptive learning engines.

The platform was deployed across multiple educational institutions and supported over 500,000 students simultaneously. The system incorporated advanced AI algorithms for personalized learning path optimization and real-time assessment capabilities that provided immediate feedback to both students and instructors.

Learning Management System Architect

Led the complete automation of Learning Management Systems across all Malaysian public universities, creating a unified platform for course management, student enrollment, and academic reporting with advanced analytics and workflow automation.

The system served over 500,000 students across 20 public universities and incorporated sophisticated data analytics capabilities that provided insights into student performance, course effectiveness, and institutional efficiency metrics.



Mentionable Development Projects

These are a few technologies, systems and software that I developed and lead.

Intelligent Kafka Operations Platform with On-Prem AI Anomaly Detection



I designed and built an advanced GUI platform for open-source Kafka that combined enterprise-grade usability with embedded artificial intelligence, creating a management experience that was more refined and operationally capable than many existing commercial solutions. Built on Linux with Python, FastAPI, and Go, the platform provided a high-performance and intuitive layer for administering Kafka infrastructure, while its most innovative feature was the integration of an on-

premises Qwen 7B AI engine.

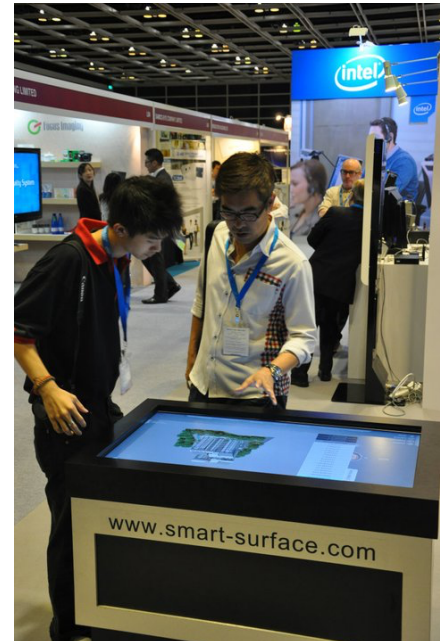
This AI capability was a central part of the platform's value proposition. It enabled intelligent anomaly observation across Kafka activity, allowing the system to detect unusual patterns and surface operational concerns early, rather than relying solely on traditional dashboards or manual interpretation. By deploying the AI entirely on-premises, I ensured that the solution remained aligned with enterprise concerns around confidentiality, control, and data sovereignty. This transformed the platform from a standard infrastructure tool into an intelligent operational companion for streaming environments.

The solution was deployed in a chip packaging company, where resilient data movement and fast operational insight were critical. The project highlighted my strength not only as a system architect and developer, but also as a technology leader capable of integrating AI meaningfully into enterprise platforms. It stands as a strong example of how I combine software engineering, infrastructure thinking, product design, and applied AI to deliver practical, high-value technology solutions.

Enterprise AI Platform for Financial Log Intelligence, Alerting, and Controlled Remediation

For a financial institution, I architected and delivered an end-to-end AI pipeline for deep log analysis, intelligent alerting, executive-grade reporting, and controlled operational remediation. Developed with Java and Python, the platform integrated OpenAI's API alongside an on-premises Qwen model, using AI not only for advanced interpretation but also for cross-checking and validation to strengthen reliability in a sensitive enterprise setting.

The platform monitored a wide range of critical operational signals, including transaction flows, server conditions, message queues, load balancers, and supporting infrastructure. It analyzed these streams holistically, surfaced anomalies and risks through graded yellow and red flags, and distributed alerts in real time via email and Telegram. To complement rapid incident visibility, it also produced rich Grafana-based reports that translated technical complexity into actionable operational and management insight.



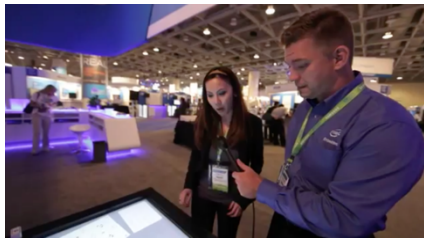
Beyond observability, I engineered the solution to support automated corrective action within a carefully designed human-in-the-loop control model. This allowed the institution to benefit from speed and intelligence without sacrificing oversight, governance, or safety. The result was a sophisticated AI-enabled operational platform that improved visibility, response capability, and resilience across a complex financial systems environment, while also highlighting my strengths in enterprise architecture, intelligent automation, and technology leadership.

Key aspects:

- Architected and developed an AI-driven log analysis and reporting platform for a financial institution using Java and Python.
- Integrated OpenAI API and on-premises Qwen models to provide advanced analysis with built-in validation and balance.
- Monitored transaction logs, server health, message queues, load balancers, and other critical infrastructure components.
- Implemented graded yellow-flag and red-flag alerting with real-time notifications through email and Telegram.
- Delivered rich operational and management reporting through Grafana dashboards and automated report generation.
- Enabled controlled automated remediation through a carefully designed human-in-the-loop operational model.

- Combined observability, AI, alerting, reporting, and governance into a single enterprise-grade operational intelligence platform.

Hybrid Multi-Agent AI Platform for Smart Industrial Operations



For a leading microchip manufacturer, I designed and delivered a sophisticated multi-agent AI platform that unified on-premises intelligence, Azure Foundry-powered remote AI, and a microservices architecture to support smooth and reliable machine operations. The platform ingested live data from IoT devices and control servers, allowing it to observe equipment behavior, assess operational conditions, and contribute intelligent oversight across a complex manufacturing environment.

What made the platform especially powerful was its agentic design. Rather than using a single AI layer, I architected a coordinated ecosystem of AI-driven services with built-in checks and balances, enabling intelligent collaboration, validation, and safer decision support. This hybrid model ensured that the platform could combine the control and privacy advantages of on-prem AI with the expanded capabilities of remote enterprise AI services, while maintaining reliability in a production-critical setting.

The technical implementation drew on Python, C#, Java, Go, and Rust, with each technology selected for specific strengths across orchestration, service delivery, systems integration, and low-level performance-sensitive components. The result was a highly capable industrial intelligence platform that demonstrated my ability to combine AI architecture, distributed systems, embedded integration, and enterprise technology leadership into a single high-value solution for advanced manufacturing.

Key aspects:

- Architected and developed a multi-agent AI platform for a leading microchip manufacturer using a hybrid model of on-prem AI and Azure Foundry services.
- Designed built-in checks and balances across agentic workflows to improve reliability, validation, and operational trust.
- Enabled continuous monitoring of machine conditions through data ingestion from IoT devices and control servers.
- Built a microservices-based architecture using Python, C#, Java, and Go, with Rust for selected low-level integrations.
- Created an intelligent operational platform focused on machine health, smooth system performance, and industrial reliability at scale.
- Demonstrated end-to-end leadership across AI orchestration, distributed systems design, industrial integration, and enterprise platform engineering.

Enterprise AI Automation for Claims Anomaly Detection

For Collabera, I architected and implemented an AI-driven automation platform for claims anomaly detection using IBM DataStage and Watson, in what proved to be one of the most challenging projects in my portfolio. Although the solution can be summarized in a few words, the underlying implementation was highly complex, requiring careful integration of enterprise data engineering, workflow automation, and AI-powered analytical capability in a business-critical environment.

The platform was designed to process and transform claims-related data at scale, apply intelligent analysis to detect anomalies, and support more effective identification of suspicious or exceptional cases. IBM DataStage provided the backbone for enterprise-grade data movement and orchestration, while Watson introduced AI capability that elevated the platform beyond traditional static validation approaches. The challenge lay in creating a solution that was not only technically advanced, but also dependable, explainable, and operationally aligned with the realities of enterprise claims processing.

This project highlighted my ability to deliver under complexity, especially in environments where the technologies involved are powerful but demanding, and where successful execution depends on both strong engineering and sound architectural leadership. It remains one of the clearest examples of my capacity to turn a compact business requirement into a sophisticated, high-value enterprise AI solution.

Key milestones and achievements:

- Architected and delivered an AI-centric claims anomaly detection and automation platform for Collabera using IBM DataStage and Watson.
- Built an enterprise-grade data pipeline for claims processing, transformation, and intelligent anomaly detection.
- Combined large-scale workflow orchestration with AI-driven analysis to improve the identification of suspicious or irregular claims patterns.
- Tackled one of the most technically demanding projects in my portfolio, requiring deep integration across automation, data engineering, and AI.
- Demonstrated strong architectural leadership in translating a compact business objective into a sophisticated enterprise operational solution.

Machine Learning Platform for Oil and Gas Predictive Analysis Using Geospatial Data

I led and developed a major machine learning initiative for S&P Global focused on predictive analysis in the oil and gas domain, using the Volve dataset and geospatial data to build models capable of supporting deeper analytical insight and more informed decision-making. This was not a short experimentation effort or a narrow proof of concept, but a substantial year-long project that demanded sustained technical rigor, cross-disciplinary thinking, and a great deal of perseverance from start to finish.

The project centered on training predictive models for oil and gas analysis using geographically driven data, where the complexity was shaped not only by the modeling work itself but also by the nature of the data, the long project lifecycle, and the need to align engineering work with analytical usefulness. Geospatial and subsurface-related datasets are rarely simple to work with; they require careful preparation, interpretation, transformation, and validation before meaningful predictive outcomes can be achieved. This made the effort both technically demanding and methodologically intensive.

From an engineering standpoint, the solution involved a broad technology stack that included Python, C#, C++, and Java. That combination reflected the depth and seriousness of the platform rather than unnecessary complexity. Different technologies were used where they made the most sense across model development, supporting systems, data processing, integration layers, and performance-sensitive components. The result was a robust and multifaceted implementation effort that required not only machine learning knowledge, but also strong software engineering discipline across multiple environments and languages.

What makes this project especially notable is its duration and sustained complexity. Spanning a full year, it required long-term architectural continuity, patience, iterative refinement, and the ability to keep technical momentum through a demanding development and analysis cycle. Projects of this nature are rarely about writing models alone; they involve repeated calibration, validation, data handling challenges, technical integration, and the practical realities of turning machine learning work into something dependable and usable. This was one of those engagements where depth, endurance, and technical leadership mattered just as much as raw implementation skill.

From a professional standpoint, the project demonstrated my ability to handle long-horizon, technically intensive machine learning work in a serious enterprise context. It showcased not only my experience with predictive modeling and geospatial analytics, but also my capability to manage complexity over time, work across a polyglot technology stack, and deliver meaningful analytical systems in a domain where the quality of insight can have major downstream value.

Some Courses Conducted

This is not an exhaustive list

	Course Names		Course Names		Course Names
1	.NET MAUI Training	181	Demystifying AI From Basics to Agents	361	Mastering JUnit 5
2	.NET MAUI with Kafka	182	Demystifying Superapps	362	Mastering Keycloak
3	ABAP Programming Foundations	183	Deploying DeepSeek and other LLMs Locally or On Premise	363	Mastering LLM Fine-Tuning
4	Abend-AID Foundations	184	Deployment for DevOps	364	Mastering MariaDB
5	Accelerated Power Apps	185	Design Patterns with Kotlin	365	Mastering Microsoft Power App
6	ACL Fundamentals	186	Design Patterns with Kotlin & Containerizations	366	Mastering Modern iOS Dev (Advanced)
7	Adapting to the Future of Tech	187	Designing & Video Editing Essentials with Canva	367	Mastering Modern LLMs
8	Additive Manufacturing	188	Designing and Implementing Azure AI Solutions	368	Mastering Power BI
9	Advance Power App Dev	189	Developing Cloud-Native Applications with Microservices Architectures	369	Mastering Prompt Engineering
10	Advance Python Pipelining	190	DevOps with Jenkins	370	Mastering Prompt Engineering & Intelligent Automation
11	Advanced AI & ML with Python	191	DevOps with Nginx on RHEL	371	Mastering Prompts & Agents
12	Advanced bespoke Python Programming	192	DevOps with Nginx on Ubuntu	372	Mastering React Native
13	Advanced Chatbot Development using python	193	Digital Collaboration Mindset	373	Mastering Testing in Spring Boot Applications
14	Advanced Forecasting & MLOps Implementation Workshop	194	Digital Customer Engagement and Advisory	374	Microservices, Node and Kafka
15	Advanced GenAI Programming	195	Digital Literacy	375	Microsoft 365 Copilot and Salesforce Einstein Copilot
16	Advanced Generative AI with Large Language Models (LLMs)	196	Digital Transformation	376	Microsoft Dynamics 365 Fundamentals
17	Advanced Java Training	197	Digital Transformation & AI Skills Strategy	377	Microsoft Office 365 Power User

18	Advanced Kotlin Mastery for Android	198	Digital Transformation for a Sustainable Future	378	Microsoft Power Apps for Advanced Users
19	Advanced Kotlin Multiplatform Mastery	199	Digital Transformation for Navigating the Future	379	Microsoft Power Apps Fundamentals
20	Advanced Package Design with Mentor Graphics Xpedition	200	Digital Transformation in Finance	380	Minitab Advanced Analytics
21	Advanced Power Apps - revised	201	Digital Transformation: The Essentials	381	Minitab Fundamentals
22	Advanced Power BI	202	Digital-First Mindset	382	Modern ABAP Foundations
23	Advanced PowerBI Analytics with python	203	Driving Digital, Data, Automation & AI Excellence	383	Modern Java for Experienced Developers
24	Advanced Python	204	Drupal CMS Essentials	384	Modernizing NET Development with AI
25	Advanced Python CSE	205	Drupal Technical Essentials	385	Modernizing Software Development using AI - python
26	Advanced Python for AI	206	Dynamic 365: Comprehensive	386	Moving Further with Python - revised
27	Advanced Python for Finance	207	Edge AI on Android	387	MS Excel Fundamentals
28	Advanced Python Programming	208	Edge Computing	388	MS Power App Development
29	Advanced Python with Pandas	209	Efficiency & Smart Technology	389	MS Power Pivot, Power Query, and Dashboards
30	Advanced Software Testing	210	Efficient LLM Customization	390	n8n in Action
31	Advanced SQL Architecture and Optimization Workshop	211	Electrical Simulation	391	Navicat Database Management
32	Advanced Taskt RPA Training	212	Embarking on the Data Science	392	Navigating the Future (intermediate):
33	Advanced Techniques in Classification and Forecasting	213	Embedded Linux and Device Driver Mastery	393	Navigating the GenAI Transformation
34	Advanced Terraform for Azure & AWS	214	Embedded Linux in Practice	394	Netapp Administration
35	Advanced Verilog	215	Embracing GenAI & Prompting	395	Netezza for Data Warehousing
36	Advanced Web and mobile Applications Design with React JS and React Native	216	Empowering Malaysian Graduates with Agentic AI	396	Network & Security Leadership Accelerator
37	Aerospike (intermediate)	217	Empowering Office Productivity with AI	397	Next-Gen Security for
38	Agentic AI Development	218	Enhancing Productivity with AI	398	Node.JS Intermediate and Advanced
39	Agentic AI for Executive Leadership	219	Essentials of AI Security	399	Node.js with Vue.js Essentials

40	Agentic AI in Action	220	Essentials of Digital Transformation	400	OJT with Secure Coding in Spring Boot and Java
41	Agentic AI Mastery	221	Essentials of UiPath RPA	401	OpenShift 4 Essentials
42	Agentic AI with Azure & Copilot	222	Ethical AI in Action	402	Oracle ADF 12c and JDeveloper
43	Agentic Frameworks & Multi-Agent Systems	223	Ethical Hacking and Cybersecurity	403	Oracle Tools for Viewing Error Logs
44	AI Agents with n8n	224	Excel & Power BI Mastery for Data-Driven Decisions	404	Oracle WebLogic 12c for Administrators
45	AI and ML for Business Leaders	225	Excel Advanced Techniques	405	OT Security
46	AI and ML for Fraud Detection	226	Excel Data Domination	406	Penetration Testing and Red Teaming Essentials
47	AI at Work	227	Excel for Data Analysis and Reporting	407	Phish-Savvy in a Day v2
48	AI Awareness Unlocked	228	Excel for Financial Modelling	408	PHP with MySQL
49	AI Chat for Auditors	229	Excel Power User	409	PostgreSQL Deep Dive
50	AI Demystified for Engineers	230	Expatriate Management and Mobility	410	PostgreSQL Essentials
51	AI Driven Digital Process Automation Bootcamp with Microsoft 365	231	Exploring Artificial Intelligence	411	PostgreSQL Performance Engineering
52	AI driven Finance	232	Exploring Generative AI	412	PostgreSQL Performance Tuning
53	AI Essentials for Leadership	233	Exploring Robotics	413	PostgreSQL, Angular and Nest.js
54	AI Ethics for Leaders	234	Exploring the World of AI	414	Power Apps
55	AI for All	235	FastAPI CRUD API Development	415	Power Automate Desktop
56	AI for Everyone	236	Financial Innovation With AI, Machine Learning and Blockchain	416	Power Automate Intensive
57	AI for Executive Leadership & Governance	237	Financial Simulation for Non-Finance Managers	417	Power BI Essentials
58	AI for Executives	238	Foundational C Sharp	418	Power BI for Strategic Finance:
59	AI for Finance Veterans	239	Foundational Java	419	Power BI Unleashed
60	AI for FSI and FinTech	240	Foundational Linux	420	Power Platform for Productivity
61	AI for HR Professionals	241	Foundations & Intro to Python	421	Power Platform Mastery
62	AI for Managers & Leaders	242	Foundations of Modern Cybersecurity (lab based)	422	Preparing for the future of FSI

63	AI for Online Banking	243	Foundations of Modern Cybersecurity (theoretical)	423	Presentations with Gamma AI
64	AI for Programming	244	From Zero to Java 21 Microservices	424	Process Automation
65	AI for Sales Professionals	245	From zero to production-ready AI agents with n8n	425	Programming in C#
66	AI for Software Testing	246	Full Stack Java with Spring Boot and ReactJS	426	Programming in C++
67	AI for Video	247	Full Stack Web Development with Angular, Node.js, and PostgreSQL	427	Prompt Engineering & Analytics
68	AI Foundations & Workflow Automation with n8n	248	Fundamentals and implementation of Cloud Computing	428	Prompt Engineering for Finance
69	AI Foundations, Prompt Engineering & Context Engineering	249	Fundamentals of Cloud Computing	429	Prompt & Context Engineering
70	AI Governance - in depth	250	Fundamentals of Data Analytics	430	PySpark Mastery
71	AI Governance - Overview	251	GAMS Optimization	431	PySpark Mastery with Python Fundamentals
72	AI in Business	252	GenAI Transformation	432	Python & AI
73	AI in Business Applications	253	Generative AI & Prompt Engineering 2025	433	Python & Generative AI Bootcamp
74	AI in Marketing and Customer Experience	254	Generative AI (Intermediate - Advanced)	434	Python (OJT) Part II
75	AI in Marketing and Customer Experience for Logistics	255	Generative AI (introductory)	435	Python (OJT):
76	AI in Telecommunications	256	Generative AI and Prompt Engineering	436	Python and AI
77	AI Leadership Accelerator with AWS	257	Generative AI for Business	437	Python and Data Science [int-adv]
78	AI Productivity Playbook	258	Generative AI for business leaders	438	Python Essentials
79	AI Readiness for Banking Professionals	259	Generative AI Programing	439	Python for AI &
80	AI Safety & Ethics	260	Generative AI with Large Language Models (LLMs)	440	Python for Data
81	AI Unboxed	261	Generative AI with Large Language Models (OLD)	441	Python for Data Science
82	AI Unplugged	262	Generative AI with Python	442	Python for Everyone : Part 2
83	AI-103 Accelerator	263	Getting a grasp on FinOps	443	Python for Everyone: Part 1

84	AI-App Craftsman	264	Getting Started with AS/400	444	Python for Financial Analysis
85	AI-App Craftsman (shortened)	265	GitLab CI/CD in Practice	445	Python for Financial Auditors
86	AI-Augmented Development	266	Go Lang Foundations	446	Python for Network Engineers
87	AI-Driven Sales Boost for Completed Properties	267	Google Looker Studio	447	Python for Spark
88	AI-Enabled Pre-Completion Property Sales	268	Hadoop HDFS and Spark with PySpark	448	Python Foundations for PCEP
89	AI-Infused iOS	269	Hands-on Conversion from ADF 10G to ADF 12G	449	Python in a Day
90	AI-Power in Action	270	Hands-On Infrastructure Automation with Terraform	450	Python Mastery
91	AI-Powered Development	271	Hybrid Multi-Cloud Red Team Specialist	451	Python Prerequisites
92	AI-Powered Modern Development	272	HyperConverged Infrastructure - Kubernetes, Docker, Linux	452	Python with Red Hat
93	AI-Powered Operations	273	IBM COBOL	453	Python, Coding Copilot & LLMs
94	AI-Powered SOC Engineering	274	IBM COBOL Short	454	R Advanced
95	AI-Ready Engineering for Banking Systems	275	IBM Informix	455	Rapid Application Development
96	AI-Ready Leadership	276	IBM Informix 12 DB Administration	456	Rapid Prototyping with Streamlit & Gradio
97	AI-Driven Machine Learning Approaches for Failure Analysis From Data to Diagnosis	277	IBM Informix 12 System Administration	457	Raspberry Pi Mastery
98	Analog Circuit Wizardry	278	IBM Informix 12.10 Database Administration	458	React JS Essentials (Advanced)
99	Analytics and ETL using Power Query and Power Pivot in MS Excel	279	IBM Informix 12.10 System Administration	459	React Native - Intermediate
100	Analytics with Power BI	280	IBM WebSphere App Server	460	Real-Time Data Processing with Apache Flink and Iceberg
101	Analytics with Python and databricks	281	Industrial Big Data Analytics	461	Red Hat JBoss Application Administration II
102	Angular for Beginners with NodeJS	282	Informatica PowerCenter Foundation	462	RPA Awareness
103	Apache JMeter	283	Informix 14 Database Administration	463	Salesforce Admin Course

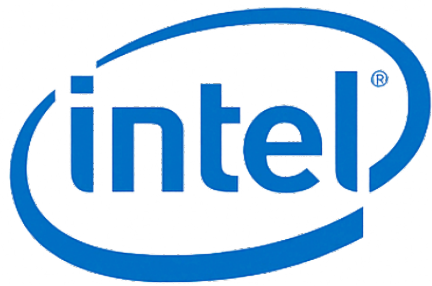
104	Apache NiFi	284	Informix 14 System Administration	464	Salesforce App Builder
105	Apache NiFi Advanced	285	Intelligence in Automation	465	Salesforce Essentials for Accounts
106	Apache Pulsar Fundamentals	286	Intelligent Automation with Power Platform	466	Salesforce Essentials for Sales
107	Apache Spark on Databricks	287	Intermediate Java	467	Salesforce Platform Developer
108	Apache Spark with Databricks	288	Intermediate Java Desktop	468	SAP Business One (B1)
109	Apache Web Server	289	Internet of Things (IoT)	469	SAP S/4Hana
110	API Fundamentals & Cybersecurity Awareness	290	Introduction to Advanced ClickHouse	470	SAP Transition with S4 Hana and ABAP
111	API Fundamentals and Testing	291	Introduction to AI	471	SAS Enterprise Guide
112	API Security Essentials	292	Introduction to AI [SCOPED]	472	Scrum Master
113	App Development with Flutter	293	Introduction to Big data	473	Secure Hybrid Infrastructure
114	Applied GenAI with Python	294	Introduction to C Programming	474	Secure Mobile AI
115	Applied LLM Systems RAG, Fine-Tuning & Production Architectures	295	Introduction to CoBOL	475	Security Assurance Process
116	Architecting Intelligent Systems with LLMs and Agentic AI	296	Introduction to Command Prompt Engineering	476	SharePoint Dev and Transition
117	Artificial Intelligence 2023	297	Introduction to Digital Revolution	477	Sitecore
118	Artificial Intelligence for Business	298	Introduction to Prompt Engineering	478	Sitecore Bespoke
119	Aspentech Hysys Process Simulation	299	Introduction to Python	479	Sitecore XP and APIs
120	Automation and Testing with Micro Focus UFT One	300	Introduction to RUIJIE	480	Sitefinity CMS Foundation
121	Avanced Development with Laravel	301	Introduction to Taskt RPA Training	481	SlideCraft AI
122	Axway Copilot and ASG Zena Course Outline	302	Introduction to Terraform Foundations for AWS	482	Software development principles
123	Azure AI Driven Backend	303	Introduction to Terraform Foundations for AWS - II	483	Solaris 11 Performance Management
124	Azure AI Foundations	304	Introduction to Vue	484	Solaris 11 System Administration
125	Banking 101: An Introduction	305	iOS Apps with React Native	485	Solution Architecture and System Design
126	Beginning Python	306	IoT Security Lab	486	Sophos XG Firewall Administrator
127	Beginning Python for Machine Learning	307	Java & Microservices	487	Source Code Security Review
128	Beginning Python: A Two-Day Intensive Course	308	Java - Starting to Deployment	488	Spotfire Dashboard Design and Analysis

129	Beginning Verilog	309	Java Engineering Masterclass	489	Spotfire Data Visualization & Analytics Mastery
130	Big Data Analytics for Technical Professionals - Advanced	310	Java for beginners	490	Spring Boot Elevated
131	Big Data Analytics for Technical Professionals - Fundamental	311	Java for web	491	Spring Boot for Enterprise Applications
132	Big Data Analytics for Technical Professionals - Intermediate	312	Java in-depth	492	Spring Boot Fundamentals
133	Big Data with Hadoop & Beyond	313	Java Performance Management and Tuning	493	Spring Boot Mastery
134	Blazor Development Bootcamp	314	Java Performance Tuning	494	Spring Boot Web Development for php developers
135	Blockchain Development	315	Javascript	495	SQL for Practitioners
136	Blockchain Foundations & Frontiers	316	JavaScript and CSS	496	SQL Mastery with MS-SQL
137	Blockchain Technology	317	Jenkins Unleashed	497	Starting with Blockchain Development
138	Building an eCommerce Platform with Python, Django, FastAPI, and Vue	318	Jira & Confluence Intensive	498	Starting with VB
139	Building Robust AI Backends	319	Job Control language for IBM Mainframe	499	Stata from the ground up
140	Building with UiPath	320	Katalon Studio Test Automation	500	Storytelling Strategies Using Social Media
141	C Programming Fundamentals	321	Kotlin in the New Era	501	Supercharge Your Workflow with Microsoft 365 Copilot
142	C Sharp Engineering Masterclass	322	Kotlin in the New Era with MVC	502	Supercharged Power Automate
143	Canva and AI Mastery	323	Kotlin in the New Era with MVP	503	Tableau Advanced Accelerator
144	Certified Blockchain Developer	324	Kotlin Intermediate	504	Tableau Foundations
145	Circuit to Board	325	Laravel 10	505	Tableau Mastery
146	ClickHouse Quickstart	326	Laravel Evolution Intermediate to Advanced	506	Tableau Server Optimization
147	Cloud Computing Practical Fundamentals	327	Laravel for the Real World	507	TASKt Bespoke
148	Cloud Penetration Testing	328	Laravel Intermediate Mastery	508	Tech Mastery for Business Leaders
149	COBIT 2019 Foundation	329	Laravel Mastery	509	Terraform Associate (003)
150	COBIT 2019 Foundation Certification	330	Laravel Training Workshop	510	Terraform Associate + AWS (add-on)

151	COBOL	331	Leadership in the Age of Industry 4.0	511	Terraform Essentials
152	COBOL with CICS	332	Leadership Transformation for the Age of AI	512	Terraform for Azure
153	Code Review and Secure Coding Practices	333	Leading in the Digital Era	513	Terraform Foundation and Deployment in AWS
154	Comprehensive Blockchain Course	334	Leading with Data	514	Terraform Fundamentals
155	Comprehensive Guide to Generative AI	335	Linux System Administration	515	Terraform Infrastructure Automation with VMWare and AWS
156	Confluent Kafka with	336	LlamaIndex for AI Automation and Generation	516	Testing with Katalon Studio
157	Conquering Data Visualization	337	Low-Code AI-Driven SOC Automation	517	TIBCO Spotfire Essentials
158	Conquering Power BI	338	Machine Learning and AI	518	Time-Series Intelligence with InfluxDB and Grafana
159	Containerization & Deployment	339	Machine Learning and Predictive Modeling	519	Transforming Procurement
160	Control-M	340	Machine Learning with python	520	Ubuntu Administration
161	Crash course in python for Artificial Intelligence	341	ManageEngine	521	Ubuntu Unleashed
162	Cryptography and Security	342	Mask Design with Cadence Virtuoso	522	UI/UX Design Essentials
163	Cybersecurity - Threat hunting	343	Master n8n	523	UiPath Foundations
164	Cybersecurity 2023:	344	Mastering .NET Blazor	524	UiPath Unleashed
165	Cybersecurity Challenges in Industry 4	345	Mastering Advanced MySQL Database Administration	525	Understanding AI and Tools
166	Cybersecurity in Action	346	Mastering Advanced ServiceNow Techniques	526	Understanding AI and Tools with prompt engineering
167	Data Analysis Fundamentals	347	Mastering AI Prompting for Enhanced Productivity	527	Understanding Secure Coding and Threat Models
168	Data Analytics with Excel	348	Mastering AI, Data, and Cloud	528	Universal Verification Methodology
169	Data Collection and Analysis	349	Mastering AI, Data, and Cloud for non-techincals	529	Unlocking Business Potential with Power Apps and Power BI
170	Data Protection and Privacy Policy	350	Mastering Android Application Penetration Testing	530	Using GenAI for Productivity
171	Data Science & Analytics	351	Mastering ArchiMate	531	Using Generative AI for developers

172	Data Science & Analytics for Finance	352	Mastering Change Management with Generative AI	532	VB.NET Engineering Masterclass
173	Data Science Development using python	353	Mastering Ethical Hacking	533	Visual Basic
174	Data Science for Beginners using python	354	Mastering Excel	534	Web Development with Django, RESTful Framework, and FastAPI
175	Data Wrangling & Exploratory Data Analysis with Python	355	Mastering Gemini AI Tools	535	Web-based Programming using CesiumJS and Unity
176	Deep Learning Development with pytorch and tensorflow	356	Mastering GitHub	536	Wireframing & Prototyping Essentials
177	Deep Learning for Finance	357	Mastering Google Workspace	537	Wordpress
178	Deep learning using python	358	Mastering Ionic Framework	538	Working Smarter with AI
179	DELL PowerFlex	359	Mastering iOS Application Penetration Testing	539	Working Smarter with Copilot
180	Demystifying AI and GenAI	360	Mastering Jenkins	540	ZAP DAST

Some notable clients



MONASH
University

MALAYSIA



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OF MALAYA



MONASH
University



UNIVERSITY
OF MALAYA



USM
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**BANK NEGARA
MALAYSIA**
CENTRAL BANK OF MALAYSIA



PETRONAS



GENTING



PETRONAS





PRIME MINISTER'S
DEPARTMENT



MINISTRY OF
AGRICULTURE
AND FOOD SECURITY



MINISTRY OF
COMMUNICATIONS



MINISTRY
OF DEFENCE



MINISTRY
OF EDUCATION
MALAYSIA



MINISTRY
OF FINANCE



MINISTRY OF
HEALTH



MINISTRY OF
INVESTMENT TRADE
AND INDUSTRY



MINISTRY OF
HOME AFFAIRS



MINISTRY OF
HOME AFFAIRS



MINISTRY OF SCIENCE,
TECHNOLOGY
AND INNOVATION



CIDB

GOVERNMENT AGENCIES



MIMOS



LHDN



JPJ



PHARMACEUTICAL COMPANIES



AstraZeneca



Roche



INSURANCE COMPANIES



Client Testimonials

From LinkedIn

Correct as of May, 2026



Jimmy Wong · 1st

Microsoft Exchange Engineer at ExxonMobil

June 6, 2025, Jimmy was Faysal's client

👁 All LinkedIn members

I've attended a myriad of training programmes and courses throughout my 9-year career thus far. Having attended the 3-day Terraform Fundamentals training programme conducted by Faysal, I have to say that this was one of the best, if not the best training programmes I've attended. This is thanks in huge part to Faysal's method of delivery throughout the entire training programme.

Faysal exhibited excellent presentation skills and great personality from the get go. He made efforts to get to know each of his audiences and subsequently tailored the presentation and method of delivery of the training programme on the fly to ensure that his audiences are able to follow suit with ease. By setting the classroom environment to be more lively, filled with back-and-forth interactions with his audiences, the entire training programme was delivered in a relaxed, yet extremely effective manner for the audiences.

I especially appreciate the fact that he minimized usage of PowerPoint slide decks, and jumped straight into the terminal, performing demos while explaining and delivering the training materials at the same time. It was uncanny, but to me it was extremely effective for my learning and the entire process was very much enjoyed. By the end of the 3-day training, I have a much better grasp of the fundamentals of Terraform that I did not expect I would have.

Outside of the classroom, Faysal is an absolute joy of a person to interact with. He possesses a wide array of skill sets and knowledge that span across the IT, Data, and AI industry, yet he is very humble about it. I personally absolutely enjoyed chit chatting with Faysal.

I would like to thank Faysal for his delivery of the training programme. It definitely allowed me to pickup and be more confident in my Terraform skill set and knowledge. I hope to be able to cross paths with him again in the near future.



Ng Pin Wei · 1st

Business System Support & Project Lead

June 17, 2025, Faysal was Ng's client

👁 All LinkedIn members

Faysal Aziz is the best trainer I have ever met so far. This is my first training on Solutions Architecture and Design but I can understand well with his extraordinary skills and knowledge. Appreciate his patience with my zero knowledge on this course and his great examples for every scenario.

**Boon Hui Lau** · 1st

Senior Solution Architect | PMP® | Digital Transformation & Delivery | Assistant IT Project Manager
 May 13, 2026, Boon Hui was Faysal's client

👁️ All LinkedIn members

"I've worked with Faysal across 13 different cohorts globally and locally. Their deep knowledge of Power Platform and Python, combined with a practical teaching approach, has made every session success for our participants. Highly recommended for their professionalism and ability to manage complex training needs across different regions."

**Charzlene Ong** · 1st

HRD Corp Training Provider | Team Building | iDEAL Leadership, DISC, EQ, Communication, Stakeholder Engagen
 Critical Thinking, Conflict, AI Learning, Python Programming, Lean Mgmt, etc. Let's connect & collaborate 🤝
 May 12, 2026, Charzlene was Faysal's client

👁️ All LinkedIn members

Faysal Aziz is highly experienced in delivering a wide range of technical programs covering AI, Machine Learning, Big Data, software development, and emerging technologies. What truly sets him apart is his ability to deeply understand each client's business challenges, technical environment, and desired learning outcomes before tailoring the training accordingly.

With his strong industry exposure, hands-on technical expertise, and practical approach to learning, he consistently customizes the content, activities, case studies, and tools to ensure the program is highly relevant and impactful for participants. Whether the focus is on AI-Augmented Development, Python, Big Data, DevOps, Embedded Systems, or enterprise technical capabilities, he is always able to align the training with the client's real workplace needs, current technology landscape, and team competency level.

Many of my clients especially appreciate his ability to simplify complex technical concepts into practical and engaging learning experiences, while still maintaining strong technical depth and industry relevance. His flexibility, problem-solving mindset, and passion for continuous learning also make him highly effective in supporting organizations that are navigating digital transformation, AI adoption, and future-ready workforce development.

**Karsun K. Koo** · 1st

Performance Strategist • Corporate Trainer • Team Facilitator | I diagnose the gap between people and systems — and rebuild the conditions for performance
 May 10, 2026, Karsun was Faysal's client

👁️ All LinkedIn members

I had the opportunity to attend Faysal's online demo on creating Agentic AI bots. It was evident through the session that he's very knowledgeable and experienced with the subject. It was a privileged experience to be able to see him live at work. As a trainer, he connects and communicates effectively, making the session meaningfully engaging. One of the few good ones I've come across.



Paul Davidson · 1st

Researchgate (message me there)

May 10, 2026, Paul was Faysal's client

👁 All LinkedIn members

solid training, thanks



Elle Yeoh · 1st

Senior Software Engineer, Mobile (iOS) @ GXBANK

March 2, 2026, Elle was Faysal's client

👁 All LinkedIn members

Had the pleasure of having Faysal as our trainer in our Mobile Edge AI course. Amazed by his depth of knowledge on the subject, allowing us to further understand more about AI, its history and its variants.

Faysal's course is well thought out and the structure is communicated to us along with his expectations of our skills vs the expected outcome of the training. As a trainer, he paces through the lessons well and is able to answer our queries related to the topic clearly. In addition, he ensures that the materials work well for us before sharing it over, and sometimes he does make as hoc improvements to it along the way.

That aside, am grateful that he uses layman terms and analogies in his teaching to ease understanding.

The hands on tasks given were very enjoyable and they were definitely eye opening. Thank you, Faysal!



Joo Ern Ng · 1st

IT Engineer - Digital Labs at Genting Malaysia

December 10, 2025, Joo Ern was Faysal's client

👁 All LinkedIn members

Faysal is not only an experienced trainer but also a seasoned AI practitioner in the tech industry. I've had the privilege of attending two sessions conducted by him, and each time he made complex concepts feel simple and approachable. What stood out most were the real-world examples and case studies he shared, along with insider insights that you won't find in textbooks.



Chris Cheah ✓ · 1st

Experienced leader in digital transformation, Agile/DevOps, and data solutions. Expert in AI automation, cloud migration, and building high-performing teams for enterprise-scale impact.

December 5, 2025, Chris was Faysal's client

👁 All LinkedIn members

Partnered with Faysal Aziz on AI development training tailored to Global IT's stack - Azure, Copilot, Python, SQL - covering LLMs, agents, prompt engineering, and chain logic, with hands-on integration across workflows.

We came in asking if AI would replace us; we left knowing how to augment our work for real gains in efficiency and productivity.

Outcome: already applying prompt-engineering patterns in application prototyping.

Excited to continue learning and building production-grade, enterprise AI applications.

**Hafiz Ramly** ✓ · 1st

IT Senior Manager | 20+ Years in IT, Cloud & Software Development.
December 3, 2025, Hafiz was Faysal's client

👁 All LinkedIn members

Faysal Aziz delivered a standout 1-day workshop on 'AI in Business.'

What makes Faysal unique is that he isn't just a theorist, he is a builder with decades of hands-on technical experience. This made the training exciting.

From understanding AI basic to understanding the global AI landscape, the insights were practical and immediate. As a technical person, I appreciated his ability to peel back the 'black box' of AI.

An exciting and valuable day of learning.

**Sean Yit Loh** ✓ · 1st

IT Director
November 21, 2025, Sean Yit was Faysal's client

👁 All LinkedIn members

Faysal is exceptionally knowledgeable in the AI space and delivers training in a way that is both engaging and practical. His clear explanations and hands-on demonstrations make complex concepts easy to understand.

**Whisnu Sucitanuary** ✓ · 1st

Senior Software Engineer | AI & LLM Explorer | Microcontroller Hobbyist | Knowledge Sharer
November 5, 2025, Whisnu was Faysal's client

👁 All LinkedIn members

I just attended a session with Faysal Aziz, and it was genuinely inspiring!
What made it special was that he didnt just dive straight into generative AI and prompt engineering, he took the time to give us the full story. We talked about where it all came from, what's happening in the space right now, and how it's specifically taking shape here in Malaysia where the session conducted.

What I really appreciated was how he broke down complex topics into something practica... more

**Fahima Nizam Nova** ✓ · 1st

SWE @ Ørsted | Python | Sql | Angular
November 5, 2025, Fahima was Faysal's client

👁 All LinkedIn members

Faysal Aziz is an excellent trainer. He conducted a two-day training on Generative AI and Prompt Engineering, which was highly informative and engaging. The sessions introduced many practical concepts that will help enhance my skills. I truly recommend him for AI training.



Gs Aaron Franklin Soon, MBA, BEngEC, M-IGRSM · 1st

Infrastructure Transformation & Governance Lead | Network Quality, Monitoring & Decision Systems | Service Quality, Programme Monitoring & Governance | Multi-Vendor Transformation & Decision Systems
June 9, 2025, Gs Aaron Franklin was Faysal's client

All LinkedIn members

I had the pleasure of learning Machine Learning under Faysal, and I can confidently say that his training style made a complex subject both accessible and engaging. He brings not only deep technical expertise but also a genuinely helpful attitude that makes a big difference in a learning environment.

What stood out most was his warm, approachable personality: always patient, always cheerful, and always willing to go the extra mile to ensure everyone understood the material. The positive energy he brings, combined with real knowledge and clear teaching, made the sessions something I actually looked forward to.

If you're looking for someone who can teach, inspire, and support learners in tech, Faysal is someone I'd highly recommend.



Aqib Gulrez · 1st

Sitecore 10 Certified | ASP.Net | C# | SQL Server | Azure
June 6, 2025, Aqib was Faysal's client

All LinkedIn members

I had the pleasure of attending a training session conducted by Faysal Aziz on Apache Kafka with .NET, and it was an outstanding experience. Faysal has a deep command over distributed systems, and his ability to connect the dots between Kafka, .NET, and modern AI-driven architectures truly set this training apart.

Not only did he break down complex Kafka concepts into digestible, real-world examples, but he also shared practical guidance on how event-driven systems can be leveraged in AI pipelines and data processing workflows—making the training incredibly relevant to today's rapidly evolving tech landscape.

Faysal's delivery was clear, engaging, and hands-on, and he encouraged thoughtful questions throughout. His ability to blend backend engineering with modern AI use cases demonstrated both his technical versatility and industry foresight.

I highly recommend Faysal for any team looking to level up their skills in Kafka, .NET, and AI integration. He brings not just knowledge but also a passion for teaching that makes a lasting impact.



Gerald Hoong · 1st

Founder & CEO | Microsoft Certified Trainer | Prompt Engineering Master Trainer | Data Platform Master Trainer
April 27, 2024, Gerald was Faysal's client

All LinkedIn members

Faysal Aziz is one of the best trainers that I've ever met. He possess an extraordinary set of skills and knowledge on very niche topics. His amazing talent in almost any sort of pillars in the IT industry makes him unique and stands out from the rest. I wholeheartedly welcome him aboard my affiliation and I believe we can work together very well.

**Jian Yi Kok** · 1st

Data Engineer @ Ambank | Ex-Shopee | Data Engineering/Business Intelligence | Finance & Banking | B.Sc (Hons) IT @ UUM

July 4, 2023, Faysal was senior to Jian Yi but didn't manage Jian Yi directly

 All LinkedIn members

Faysal's exceptional skills as an instructor were evident during my DataStage training. His ability to impart knowledge with vivid imagery and compelling examples made complex concepts easily understandable. Faysal's expertise and dedication in teaching Linux and ETL were remarkable, enabling me to grasp the intricacies of the OS and tools effectively. I highly recommend Faysal as a trainer, as his teaching approach and commitment to clarity greatly enhanced my learning experience. Thank you, Faysal, for your outstanding guidance and for making the training truly valuable.

**Syed Ayaz Nizami** · 1st

Associate Director | Empowering Talent Solutions | Connecting Potential with Opportunity | Shaping Careers, Empowering Organizations

May 16, 2023, Syed Ayaz was Faysal's client

 All LinkedIn members

Faysal - a true professional when it comes to work and delivering digital up skilling . The vast knowledge and expertise which he carries throughout many technologies , makes him stand out from others.

Always great to interact and do business with him. Highly recommend Faysal for any Digital technology trainings in Malaysia .

**Manan Mehta** · 1st

Senior Vice President at Ascendion

August 31, 2022, Manan was Faysal's client

 All LinkedIn members

Faysal is an extremely reliable expert in the areas of Digital up-skilling, HRDC compliances and Malaysian laws in general. It is a pleasure to interact and work with him. Highly recommend Faysal for anything Technology and business related in the country 🇲🇾

**Najuwa Abd Latip** · 1st

Instructor at IKM - Institut Kemahiran MARA Lumut

November 23, 2021

 All LinkedIn members

Thank you



Jackson Ng, CSP, CPC(ICF), CPT(IPMA) · 1st

I specialize in HRD Corp TTT Certification | Keynote Speaker | Masterpiece Growth Mindset | Sales & Business Presentation | Corporate Team Building | Communication Mastery. Trained more than 200,000 audience since 2001. October 26, 2021, Jackson was Faysal's teacher

All LinkedIn members

Faysal attended our TTT sometime ago. He is passionate in the class and always aimed to design and deliver the best teaching plan for assessment. I knew he would go very far in his training as he was not shy to ask many good questions to become the best trainer he could be.

Jackson Ng, Lead Trainer, TTT Certification Programme.



Talat Fakhri · 1st

AI Consultant (Agentic AI, LLMs, Automation,LLMOps) | Knowledge Graphs & Big Data | SaaS Entrepreneur | Blockchain, Smart Contracts | Full-Stack Developer | Flask, FastAPI, Rust | Complexity Theory
July 8, 2021, Talat worked with Faysal on the same team

All LinkedIn members

What makes Faysal different from all the other technologists I've worked with is his super-fast execution. He takes a fraction of time from inception to finish what would take anyone else an order of magnitude longer. He has an inherent talent for programming and technologies in general.

He is a very fast learner. And he is an excellent trainer/teacher whom I had the pleasure of co-training with. He can break down any training topic into logical parts that make it possible for the trainees to learn in the best way possible.

Notes

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