Ts. Mohamad Razeen Iqbal Roslan

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Professional Summary

AI and Cloud professional with over four years of experience in Data Engineering, Artificial Intelligence, Cloud Computing, Data Analytics, and Business Intelligence, and a registered Professional Technologist (Ts.) in Information and Communication Technology with the Malaysia Board of Technologists (MBOT). Holder of a Master of Science in Artificial Intelligence with extensive experience in designing and implementing enterprise AI solutions, cloud-native applications, data platforms, and business intelligence systems across the energy and technology sectors. Experienced in delivering technical training, workshops, and knowledge-sharing sessions on Cloud Computing, Google Cloud Platform (GCP), Microsoft Azure, Artificial Intelligence, Generative AI and AI agents, Data Analytics, Python, SQL, Power BI, and software development best practices, including structured programmes for the Perak State Secretariat (SUK Perak) with Google Malaysia and for the Malaysia Automotive Robotics and IoT Institute (MARii) with Google Cloud. Strong focus on translating complex technical concepts into practical, engaging, and business-oriented learning experiences for professionals from both technical and non-technical backgrounds.

Areas of expertise include Cloud Fundamentals, Google Cloud Platform, Vertex AI, BigQuery ML, Generative AI, Gemini Enterprise, AI Agents, Data Engineering, Machine Learning, Prompt Engineering, and Enterprise Data Governance, with a passion for enabling organizations to accelerate digital transformation through cloud and AI technologies.

Core Expertise

- Cloud Computing Fundamentals
- Google Cloud Platform (GCP)
- Microsoft Azure
- Artificial Intelligence (AI)
- Generative AI
- Gemini Enterprise & AI Agents
- Vertex AI
- BigQuery ML
- Data Analytics
- Data Engineering
- Python Programming
- SQL
- Power BI
- Git & GitHub
- Prompt Engineering

Professional Experience

AI Data Engineer

AEM Energy Solutions Sdn. Bhd. June 2025 – Present

Responsible for enterprise AI and cloud initiatives including:

- AI-powered enterprise applications
- Data engineering and ELT pipelines
- Enterprise data governance
- AI-assisted productivity solutions
- Cloud-based analytics platforms
- Power BI reporting solutions
- AI cybersecurity governance

Key achievements include:

- Designed and developed enterprise AI SaaS solutions.
- Built a Data Quality Platform supporting upstream and downstream petroleum operations.
- Developed AI-assisted data classification pipelines using Azure ML and Ollama.
- Authored the organization's AI Cybersecurity Procedure.
- Led enterprise cloud and data architecture initiatives.

Data Analyst

EISmartwork Sdn. Bhd. May 2024 – May 2025

- Developed enterprise dashboards using Power BI.
- Built ELT pipelines for analytics.
- Automated reporting using Python.
- Improved operational efficiency through predictive analytics.

Geotechnical Engineer

G&P Geotechnic Sdn. Bhd. August 2022 – April 2024

- Automated engineering workflows using Python and VBA.
- Performed engineering data analysis and visualization.
- Introduced data-driven reporting practices.

Training Experience

Gemini Enterprise for Automotive (17 to 18 October 2026)

Trainer for the MARii Digital Engineering and Prototyping (DEP) Generative AI Programme 2026, with Google Cloud and Awantec, covering:

- Grounded AI and Gemini Enterprise
- Prompt engineering with the R-C-T-E-O framework
- Multi-agent architecture and context engineering
- Enterprise agent harness, guardrails and evidence validation
- Hands-on AI agents with BigQuery data and a knowledge base (RAG)

Audience:

Participants from the Malaysian automotive industry.

Cloud Essentials untuk SUK Perak (5 to 6 August 2026)

Trainer for a two-day Google Cloud programme for the Perak State Secretariat (SUK Perak), with Google Malaysia and Awantec, covering:

- Google Cloud foundations: compute, storage, Cloud SQL and VPC
- Hybrid cloud, Cloud VPN, high availability and disaster recovery
- Landing zone, IAM, governance and FinOps
- Vertex AI and Document AI
- Capstone and consultation session

Audience:

Technical and management participants from SUK Perak digital and related units.

Internal Technical Training

Delivered technical training sessions covering:

- Power BI Fundamentals and Dashboard Development
- Power Query for Data Cleaning and Transformation
- Python for Data Analysis and Automation
- SQL Fundamentals and Data Querying
- Introduction to Google Cloud AI and Vertex AI
- Git and GitHub Fundamentals for Version Control

Speaking Engagements

Google AI Build 2025 Speaker

Invited speaker at Google AI Build 2025 (GDG UPM), delivering an online technical sharing session covering:

- BigQuery ML
- Vertex AI
- Practical Artificial Intelligence use cases
- Enterprise AI adoption strategies

Audience:

Universiti Putra Malaysia (UPM) students.

Education

Master of Science in Artificial Intelligence

- Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA)
- CGPA: 3.76

Bachelor of Civil Engineering (Hons.)

- Universiti Putra Malaysia (UPM)
- CGPA: 3.65

Professional Registration

- Professional Technologist (Ts.), Information and Communication Technology, Malaysia Board of Technologists (MBOT), Registration No. PT26100020, valid until 30 September 2027
- Graduate Engineer, Board of Engineers Malaysia (BEM), Registration No. G1207508A
- Graduate Engineer, The Institution of Engineers Malaysia (IEM), Membership No. 119043

Professional Certifications

Microsoft

- Microsoft Certified: Azure AI Engineer Associate (AI-102)
- Microsoft Certified: Azure AI Fundamentals (AI-900)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Security, Compliance and Identity Fundamentals (SC-900)
- Microsoft Certified: Fabric Data Engineer Associate (DP-700)
- Microsoft Certified: Power BI Data Analyst Associate (PL-300)

Google Cloud

- Generative AI Leader
- Create ML Models with BigQuery ML (Skill Badge)
- Prompt Design in Vertex AI (Skill Badge)

Confluent

- Data Streaming Engineer Foundations
- Data Streaming Engineer: Apache Flink

Databricks

- Academy Accreditation: Generative AI Fundamentals
- Academy Accreditation: AI Agent Fundamentals
- Academy Accreditation: Databricks Fundamentals

Python Institute

- PCEP: Certified Entry-Level Python Programmer

Awards & Recognition

- Google AI Build 2025 Speaker
- Top 20 – Cursor × Anthropic Hackathon 2025
- Top 20 – AWS National AI Challenge (LLM using Amazon SageMaker)
- Champion – Axiata Digital Leadership Programme Innovation Challenge