

Abdul Salam Mohamed Ansaff

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SUMMARY

AI Engineer with experience building production AI systems at enterprise scale. Drove generative and agentic AI initiatives within AirAsia's AI team on the Google Cloud ecosystem, shipping ADK agents, MCP infrastructure and secure data pipelines to production.

EXPERIENCE

AirAsia – Artificial Intelligence Intern, Kuala Lumpur, Malaysia March 2026 – Sept 2026

- Model Context Protocol (MCP) Infrastructure:** Architected and deployed an internal MCP server on GCP, centralizing and standardizing tool-calling interfaces for agents; created documentation to help other teams adopt best practices.
- Legal Q&A ADK Agent:** Developed a domain-specific agent to automate contract inquiries and compliance policy searches for the legal team, reducing manual document review turnaround from days to seconds while maintaining enterprise auditability.
- BRD Generation ADK Agent:** Built an automated Business Requirement Document (BRD) generator that ingests stakeholder inputs and synthesizes standardized specifications, cutting feature-scoping cycle times for product managers by ~40–50%.
- Intelligent Email-Routing Agent:** Engineered an autonomous Gemini-powered triage and routing agent for high-volume shared mailboxes, eliminating manual dispatch bottlenecks and ensuring SLA-compliant routing to regional operations teams.
- Data Pipeline & Ingestion:** Engineered an automated ingestion pipeline on GCP to extract and structure unstructured communications data, cutting processing overhead by 50% and enabling real-time analytics for leadership reporting.
- Cloud Infrastructure & Security:** Engineered an internal link-management microservice on GCP, implementing least-privilege IAM controls and automated audit logging to ensure secure, high-availability redirection across marketing campaigns.

PROJECTS

- Chess Coach Agent – An ADK Agent that Pairs Stockfish with Gemini to Explain Chess Mistakes at the Player’s Level, Cutting Review Cost ~9×** Oct 2026 – Oct 2026
- Milo – An Offline-First Coding CLI that Brings Frontier-Grade Agentic Workflows to Local LLMs, with Zero Cloud Dependency** Sep 2026 – Sep 2026
- Agronus – Built a RAG-Powered AI Copilot that Delivers Real-Time, Grounded Farming Guidance for Farmers, a Microsoft Imagine Cup 2026 Submission** Oct 2025 – Dec 2025
- HealthSync – Multilingual First-Aid Chatbot and Patient-Doctor Platform for Rural Healthcare, Graded A by the Examiners for FYP** Nov 2024 – Jan 2025
- ICU Patient Posture Monitoring System for Real-Time Bedsore-Risk Detection, Achieving 95% Classification Accuracy** Jun 2025 – Jan 2026

EDUCATION

Al-Bukhary International University, Malaysia Oct 2023 – Oct 2026 (Expected)

Bachelor in Computer Science (Hons) in Data Science – CGPA: 3.60 / 4.00

Fully Funded Scholarship Recipient

Relevant Coursework: Machine Learning, Deep Learning, OOP, Data Structures & Algorithms, Data Mining, Probability & Statistics, Software Engineering, Cloud Computing

CERTIFICATIONS & MOOCS

- Google Cloud Certified: Generative AI Leader
- Google DeepMind: AI Research Foundations
- Machine Learning Specialization – StanfordOnline / DeepLearning.AI
- Mathematics for Machine Learning: Linear Algebra – Imperial College London
- Google Cloud Computing Foundations – Google

HONORS & AWARDS

- Fully Funded Scholarship Recipient – Al-Bukhary International University (2023 – 2026)
- Arena Candidate Master (ACM) – Official FIDE Title (2025)
- Provincial Chess Champion, Sri Lanka

SKILLS

Programming: Python, SQL, R, Bash

Agentic AI & GenAI: Google ADK, Model Context Protocol (MCP), Prompt Engineering, RAG, LangChain

Machine Learning & Frameworks: PyTorch, TensorFlow, Scikit-Learn, Deep Learning, NLP, Computer Vision

Cloud & Infrastructure: GCP (Vertex AI, BigQuery, Cloud Run, Compute Engine, GCS, IAM)

Engineering & MLOps: RESTful APIs, FastAPI, Docker, Git, CI/CD, Data Pipelines (ETL)

Mathematics: Linear Algebra, Probability & Statistics, Optimization, Numerical Methods

REFERENCES

John Kailun Tseng

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Mohd Khairil Bin Azizan

Principal AI Solutions Architect

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