

Hafizuddin Jaafar

AI & Cloud Solution Architect

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4 yrs industry experience · 157 automation projects delivered · 12,000+ hours saved annually · 492 employees upskilled

EXPERIENCE

Cloud Solution Architect, AI Business Solutions

Aug 2026 – Present

Microsoft · Asia Pacific

- Architecting and driving customer adoption of **Copilot, Microsoft 365 Agents, and Microsoft Foundry** across Asia Pacific — leading architecture design sessions, building technical readiness, and connecting AI investments to measurable business outcomes

Tools: Copilot, Microsoft 365 Agents, Microsoft Foundry, Copilot Studio, Azure AI

Senior Solution Architect

Nov 2022 – Sep 2025

AstraZeneca · Kuala Lumpur, Malaysia

- Led a cross-regional team supporting **157 automation projects** across Malaysia's first nationwide digital transformation, upskilling 492 employees and delivering **12,000+ hours of savings annually**
- Built an end-to-end **multi-market cashflow forecasting system** integrating SAP, BlackLine, and Quantum into one consolidated Power BI dashboard across 8 markets — cut planning-cycle time by **60%** and reconciliation effort by **3,200+ hours a year**
- Built a Power BI and DAX-heavy **CAPEX consolidation dashboard** with automated ETL pipelines, surfacing missing or inaccurate records ahead of the annual review across **15,000+ IT assets**
- Led a Power Platform budget adjustment application for FP&A, cutting budgeting rework by **60%** and releasing **5,000+ annual hours**

Tools: SAP, Power BI, DAX, Power Automate, Python

Digital Graduate Analyst, Innovation Lab & Risk Management

Sep 2021 – Nov 2022

Central Bank of Malaysia (BNM) · Kuala Lumpur, Malaysia

- Built asset vulnerability tracking using **Python web scraping + Neo4j graph database** for dependency mapping, improving SLA adherence by 30%
- Consolidated 52 disparate departmental datasets into a centralised **Power BI risk intelligence platform**, eliminating 5,000 hours of manual reporting annually
- Built a multi-source **social media analytics platform** integrating LinkedIn, Facebook, Instagram, and Twitter APIs with NLP sentiment analysis and automated controversy flagging

Tools: Python, Neo4j, NLP, Power BI, REST APIs, MySQL

VP of Technology

Jun 2020 – Jun 2021

Xavier Optics · Los Angeles, US

- Built the market intelligence and business case for a novel AR/VR optical element, securing **\$225,000 in Phase 1 SBIR government funding**

EDUCATION

MSc Business Analytics

Sep 2025 – Aug 2026

Imperial College Business School · London, UK

Modules: Advanced Machine Learning, Network Analytics, Financial Analytics, Causal Modelling. **Yayasan Tun Ismail Excellence Award**, given to 3 recipients nationally.

BSc Electrical Engineering (Cum Laude, GPA 3.8)

Sep 2017 – Jun 2021

University of California, Los Angeles (UCLA) · Los Angeles, US

Dean's Honors List (multiple quarters). **Yayasan Khazanah Global Scholarship** recipient.

KEY ACHIEVEMENTS

2023 – 2024 — **Finance Excellence Award, AstraZeneca**. Built a Python forecasting engine reconciling SAP data into real-time cash flow intelligence, cutting 3,200+ hours of manual reconciliation a year.

2023 – 2024 — **Finance Process Champion, AstraZeneca**. Built a CAPEX consolidation dashboard tracking 15,000+ IT assets with fraud-detection ML built in, cutting 1,500+ auditing hours a year.

SKILLS & CERTIFICATIONS

Technical: Python (pandas, NumPy, scikit-learn) · Machine learning (supervised & unsupervised) · Anomaly & fraud detection · NLP & sentiment analysis · Time-series forecasting · Feature engineering · SQL & MySQL · Graph databases (Neo4j) · Power BI & Tableau · Power Platform (Apps, Automate) · R · Advanced Excel & VBA

Certifications: Azure Solutions Architect Expert · Azure Security Engineer Associate · Azure Administrator Associate · Power BI Data Analyst Associate

Finance: **CFA Level 1** (passed, May 2026) · Financial & valuation modelling · Investment & portfolio analysis · Regulatory reporting · FP&A, treasury & controls automation

Languages: English (native) · Malay (native)