

DANIEL SINGH

Enterprise & AI Architect · AI / Technology Leader

Bengaluru, India — open to Global / Remote | +91 98861 29153 | daniel_singh_in@yahoo.com | linkedin.com/in/danielsingh

Enterprise & AI Architect with 18+ years translating business strategy into production-grade AI, cloud, and security systems. Currently **AI Chapter Lead at IBM**, driving enterprise-wide GenAI, MLOps, and cloud modernization for global clients. Proven impact: **30% faster AI time-to-value**, **90%+ cloud-migration success**, and remediation cut from **90 days to 9–12**. Bridges executive strategy and hands-on delivery; embeds Responsible-AI and compliance that regulators and boards trust. Global delivery across APAC, UK, US, and Africa.

CORE COMPETENCIES

AI & Data — Generative AI, LLMs, MLOps, AIOps, Responsible AI, AI Strategy & Governance, Watsonx, Vertex AI, SageMaker	Cloud & Platforms — AWS, Azure, IBM Cloud, GCP, Kubernetes, OpenShift, Docker, Terraform, Ansible, CI/CD, Microservices
Architecture & Leadership — Enterprise Architecture (TOGAF), Cloud Modernization, DevSecOps, SRE, Program & Stakeholder Management, Agile / SAFe	Security & Compliance — Security Architecture, Risk Management, ISO 27001, GDPR, PCI-DSS, NIST, Threat Intelligence

CERTIFICATIONS

TOGAF 9	PMP	CISM	CISA	ISO 27001:2022 Lead Auditor	IBM Watsonx AI Engineer	IBM Cloud Pak AIOps Admin
AWS Solutions Architect – Professional	Azure DevOps Expert	PSM I	CEH	CHFI	COBIT 5	

PROFESSIONAL EXPERIENCE

Enterprise Architect (AI & Infrastructure) · AI Chapter Lead Jun 2023 – Present
IBM India Pvt Ltd — Bengaluru, India

- Define enterprise **AI product strategy, roadmaps, and epics**, translating business goals into deployable AI solutions — **reduced AI time-to-value by 30%**.
- Spearheaded **GenAI, LLM, and agentic-AI adoption** (Watsonx.ai, crew.ai, IBM Bee) — enterprise chatbot ecosystems, knowledge-discovery platforms, and cognitive workflows.
- Lead the full **AI/ML lifecycle** (PoC → training → deployment → MLOps → monitoring); built AI observability frameworks and **Responsible-AI standards** (bias, explainability, auditability).
- Architect modernization blueprints across cloud-native, microservices, security, and compliance; guide platform evaluations (Watsonx, Vertex AI, SageMaker) and AI/cloud adoption governance.

Lead Infrastructure Engineering (Vice President) Jun 2022 – Jun 2023
Wells Fargo — Bengaluru, India

- Led infrastructure engineering for distributed, cloud-native applications — **AIOps**, risk scoring, and vulnerability management at enterprise scale.
- Drove agile **DevOps transformation** (Jenkins, Ansible, AppDynamics, Splunk, ServiceNow) — achieving **25% faster incident resolution**.
- Led cross-functional SRE and RiskOps squads aligned to Scrum, Kanban, and SAFe.

Manager, IT & Agile Coach Jul 2021 – Feb 2022
Koinonia Technologies — Singapore

- Migrated application stacks to **AWS** — improved platform reliability and **reduced OpEx by 12%**.
- Led agile transformation and automation for 15+ engineers (Terraform, Ansible, ETL pipelines).
- Designed risk-management and cybersecurity practices meeting **GDPR and ISO 27001**.

Manager, IT Apr 2017 – Jun 2021
Klesis Global Pvt Ltd — Bengaluru, India

- Led multi-tenant **SaaS / CaaS** deployments and cloud migrations across AWS, Azure, and GCP.
- Cut release timelines by 40%** through deployment-pipeline automation.
- Built compliance frameworks (GDPR, PCI-DSS) and security practices with Prometheus, ELK, Kubernetes, Docker, and Jenkins.

Earlier: Hewlett Packard Enterprise — IT Manager (ArcSight SIEM, endpoint security) · Independent Consultant — Infrastructure, Cloud & Security (UK, USA, Asia, Africa) · Murdoch Children's Research Institute, Melbourne — Sr. Bioinformatics Officer · Genotypic Technology — Bioinformatician & Network Administrator.

EDUCATION

- MBA — Data Analytics & Data Science**
Manipal University, Jaipur
- MS / PhD (pursued) — Bioinformatics**
LaTrobe University, Melbourne
- B.Sc. — Microbiology**
Bengaluru University

HIGHLIGHTS

- Published research in **Hackin9 Cybersecurity Magazine**; contributor, **Global Honeynet Project**.
- Designed **hybrid digital learning infrastructure** for the Oxford Centre for Religion & Public Life, UK.
- Reduced security incidents **15% YoY**; strengthened GDPR & PCI compliance across programs.