

SALIM CHOWDHURY

PRINCIPAL AI & SOLUTIONS ARCHITECT

I help organisations design, modernise and recover complex AI, cloud, data and digital platforms - from strategy and architecture through to production delivery.

PROFILE

Architecture and technology leader with experience spanning software engineering, data platforms, cloud infrastructure, AI systems and complex delivery. Combines strategic architecture with hands-on production judgement across multi-tenant platforms, integration, governance and modernisation.

CORE CAPABILITIES

AI architecture and governance • RAG and LLM-enabled systems • Cloud and platform architecture • Data engineering and integration • Multi-tenant SaaS • APIs and event-driven systems • Modernisation and recovery • Technical strategy • Delivery leadership • Fractional architecture leadership

SELECTED EXPERIENCE

Founder & Chief Architect - Thynkr Systems / Worq

2023-present

Architecture and technical leadership for a governance-first, multi-tenant AI operations platform, connecting product direction, platform design, engineering assurance and production delivery.

Independent Data, AI & Cloud Consultant

2024-present

Architecture and consulting support for organisations navigating AI adoption, cloud and data modernisation, platform integration and delivery recovery.

Founder & Platform Architect - Nexero

2022-present

Product and platform architecture across secure digital services, workflow, integration and operational systems.

Founder & Lead Engineer - PalletCRM

2021-present

Architecture and engineering for an operational CRM platform spanning sales, point-of-sale, statements and communications workflows.

Data & Cloud Consultant - Klixspot Ltd

2019-2023

Data architecture, cloud platforms, integration and delivery leadership across business-critical systems.

Senior Project Manager / Consultant - Westech

2011-2018

Technology programme leadership, solution design, stakeholder engagement and delivery across enterprise deployments.

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ARCHITECTURE, ENGINEERING & DELIVERY

TECHNICAL SCOPE

AI and data: AI architecture, retrieval-augmented generation, vector search, LLM orchestration, prompt engineering, AI governance, MLOps, PostgreSQL, MySQL, SQL Server, Oracle, DynamoDB, BigQuery, Hadoop, ETL/ELT and real-time processing.

Platforms and cloud: multi-tenant SaaS, microservices, API gateways, workflow orchestration, event-driven architecture, AWS, Azure, Google Cloud, VPS infrastructure, web platforms, Cloudflare and TLS operations.

Engineering and delivery: Python, Node.js, PHP, JavaScript/React, Java, C++, SQL, Bash, APIs, Git, CI/CD, RFPs, stakeholder engagement, distributed-team leadership, GDPR, budgeting and estimation.

EARLIER EXPERIENCE

Lead Consultant - The Wow Agency (2009-2010)

Project Development Manager - B&F International Korea (2009)

Project Manager - BJIT Limited (2008-2009)

Project Manager - Key Technology LLC, USA (2007-2008)

Project Associate - Skynet Communications UK Ltd (2005-2007)

Software Developer - Plexus Software Ltd (1999-2002)

EDUCATION

MSc Advanced Computing with Data Mining - London Metropolitan University, 2010

BSc Computing Information Systems - London Metropolitan University, 2004

ENGAGEMENT

Open to principal and lead architecture roles, consulting and contract projects, and fractional architecture leadership engagements. Based in London and available for remote or suitable hybrid work.

Contact via salimchowdhury.com or linkedin.com/in/salim-chowdhury