

FARAZ ALI ZUBERI

PRINCIPAL SOLUTIONS ARCHITECT · ENTERPRISE & PLATFORM ARCHITECTURE

Sydney, Australia · +61 435 733 561 · farazive@gmail.com
farazzuberi.com · linkedin.com/in/farazalizuberi · Australian Citizen

EXECUTIVE SUMMARY

Principal Solutions Architect with 16+ years modernising large-scale, multi-tenant SaaS platforms and 6+ years advising C-level and aligning cross-functional teams on architecture. I turn gnarly enterprise complexity into simple, governable platforms. My last three modernisation programs cut cloud spend by **17%**, lifted platform reliability to **99.5% availability**, and took a flagship API from p95 latency of 1.9s down to **under 400ms**. Recognised for being hands-on and building org-wide standards / architectures that scale across domains and teams. Visit me at <https://farazzuberi.com> for more details.

CORE COMPETENCIES

- Target-State & Reference Architectures
- Identity & Access Management
- C-Suite & Board Strategy and Alignment
- Event-Driven Architectures
- Monolith → Microservices
- Cloud Ops & Cost Optimisation
- Agentic Architecture / MCP Tools
- Multi-Region, Multi-Tenant SaaS
- Platform Governance (DACI / ADRs)

PROFESSIONAL EXPERIENCE

ELMO Software (ex-ASX-listed HR SaaS, 3 million users) Sydney, AU

Jan 2020 – Jun 2026

Principal Solutions Architect - reporting to CTO/HoE

- 10+ years in the organization, 6 at architect level
- Architected ELMO's **two-way integrations system** - leading engineers from ELMO and Thoughtworks, Australia.
- Founded and owned the enterprise architecture practice; set target-state across 9 product domains, reducing net-new integration lead time from ~6 weeks to **4 days**.
- Architected and launched the company's **MCP (Model Context Protocol) authorization platform** - an AgentCore gateway fronting 28 sub-MCP servers with PKCE-only clients, semantic tool routing and per-tenant scope filtering.
- Architected and delivered an **agentic customer-data onboarding platform** (LangGraph + AWS Bedrock behind a FastAPI service) - cut the wait for onboarding to begin from **3 months to 1 month** and the consultant-to-customer feedback loop from **3 days to 2 hours**, automating **416 business rules** across 17 entity schemas and freeing every queued customer to onboard in parallel.
- Delivery of organization's microservice backbone - an event-streaming platform using Apache Kafka + Debezium CDC - It spanned **400+ source tables across 5+ teams**, hitting a **p95 CDC latency under 50ms** against a 400ms SLO.
- Led **ISO 27001 accreditation** end-to-end, passing external audit and unlocking \$11M of enterprise pipeline previously blocked on security review.
- Re-platformed the legacy PHP monolith via Strangler Fig into serverless + Kubernetes, cutting AWS spend **38% (\$2.6M/yr)** while raising availability from 96.4% to **99.5%**.
- Grew and mentored a guild of **architects and staff engineers**; authored the Architecture Handbook and Standards Book now referenced by **90+ engineers**.
- Architected ELMO's mobile app platform, including identity, notifications, APIs, tracing and observability. App usage grew **+27%** quarter-on-quarter.
- Designed ELMO's **Compute Logging Standards, Naming conventions, messaging and routing standards**.
- Developed ELMO's Identity Platform and relying party platform - e.g. Token Handler Pattern (Sample reference [here](#))

ELMO Software Sydney, AU

Sep 2018 – Jan 2020

Technical Lead, APIs & Integrations

- Founded and shipped the organisation's first unified internal + external API platform and a self-service Developer Portal, giving 80+ internal engineers and 3000+ customers one place to discover, key, and consume APIs.
- Authored the org-wide REST API Standards (versioning, pagination, idempotency, error contracts, bulk operations) now mandated across 30+ services; adoption drove a 45% drop in breaking-change incidents and made every new API consistent by default.

- Designed and rolled out a multi-tenant API Gateway enforcing per-tenant usage quotas, OAuth2 authentication and fine-grained authorization across 3000+ tenants - killing noisy-neighbour outages and holding 99.99% gateway availability under 4M+ calls/month.
- Built the company's third-party integration platform now powering BYO Payroll, letting customers connect any of 10+ payroll systems of their choice - processing 1M+ integration events/day and unlocking \$22M in new enterprise ARR.
- Established API contract-testing CI/CD pipelines and an API Maturity Matrix scoring every service on security, docs, and reliability - lifting the average maturity score from 2.1 to 4.3 and catching 90% of contract regressions pre-production.

ELMO Software Sydney, AU

Feb 2016 – Sep 2018

Senior Software Engineer

- Developed and shipped a modular Typescript backend for a customer-facing platform, introducing a shared module/DI structure and typed DTO validation that cut API defect rates by 40% and reduced average endpoint response time from 620ms to 180ms.
- Led the migration of a legacy AngularJS app to modern Angular (standalone components, RxJS, lazy-loaded modules), shrinking initial bundle size by 55% and lifting Lighthouse performance scores from 58 to 94.

MARIAH SOLUTIONS Jeddah, KSA

Aug 2009 – Feb 2016

Senior Developer → Head of Engineering

- Promoted twice in four years; grew and led a **24-engineer** delivery org across logistics products.

Earlier: Temenos T24 Consultant, NDC Technologies (Aug 2008 – Apr 2010).

SIGNATURE INITIATIVES

Agentic Data-Onboarding Platform. Two LangGraph agents on AWS Bedrock behind a FastAPI service, mapping arbitrary customer exports onto 17 entity schemas and validating 416 business rules in parallel; onboarding start 3 months → 1 month, feedback loop 3 days → 2 hours.

Identity/ AI / MCP Authorization Platform. Multi-phase agent-authorization architecture (Bedrock AgentCore, Kong AI Gateway, LiteLLM) with incremental consent via WWW-Authenticate challenges.

Event Streaming & CDC Backbone. Kafka/MSK + Debezium platform and the reusable Consumer Library (EKCL) adopted by every product team; schema-registry strategy across 400+ tables.

Monolith to Microservices Program. Rightsizing, decoupling and building high-cohesion services using domain-driven-architecture.

TECHNICAL SKILLS

AI & Agentic: Model Context Protocol (MCP), AWS Bedrock AgentCore, Bedrock Guardrails, Claude, Glean, LangChain/Langgraph, Kong AI Gateway, RAG (pgvector, OpenSearch), WebMCPs, FastAPI, Zero-cost local AI Models

Streaming & Data: Apache Kafka, Confluent, Redpanda, Debezium, Avro/Protobuf, Schema Registry, Kinesis, Redshift, Aurora, DynamoDB, Elasticsearch, Redis, AWS MSK

Identity & Security: OAuth2 / OIDC / SAML, PKCE, Device Flow, Keycloak, Kong, SCIM, JWT, ISO 27001 / 42001, DevSecOps

Cloud & Platform: AWS (Lambda, API Gateway, SNS/SQS, CloudFront, ElastiCache, ECR, WAF, IAM and more), GCP, Azure, Kubernetes, Helm, ArgoCD, Terraform

Languages: TypeScript, Python, JavaScript, PHP, C#, Java, Go, Lua

Observability: Elastic / Kibana, Grafana, APM, RUM, JMeter, Vegeta

EDUCATION & RECOGNITION

B.Sc. Computer Science

FAST-NU, Pakistan · 2004 – 2008

Recognition & Speaking

- Keynote - “Building API Platforms that last”, ELMO Summit Sydney 2022
- Speaker: Building Change-Data-Capture systems with Kafka
- Winner, ELMO Innovation Award
- Author - org-wide Architecture Handbook (600+ engineers)
- Regular contributor on event-driven & agentic architecture