

SALIM JORDAN

Forward Deployed / AI Solutions Engineer | Enterprise Delivery & Agent Systems

Open to Remote | Available now | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

PROFILE

AI engineer with 15+ years in enterprise consulting and technical delivery, now building agent systems, harnesses and evaluation pipelines. Delivers from client requirements and architecture through implementation, testing and production handover; experienced leading distributed APAC teams and working directly with enterprise clients.

TECHNICAL STRENGTHS

GenAI: Multi-agent orchestration, agent harness design, human-in-the-loop workflows, retrieval/LLM evaluation, RAG, hybrid/BM25 search, embeddings, reranking, fine-tuning, structured outputs, MCP.

Frameworks & data: Google ADK, CrewAI, LangGraph, LiteLLM, Instructor, Pydantic, FAISS, ChromaDB, MongoDB Atlas, SQLite.

Development & cloud: Python, TypeScript/JavaScript, SQL, FastAPI, Next.js, React, REST, SSE, Zod; OpenAI, Gemini, Claude, AWS Bedrock/Lambda/DynamoDB/X-Ray/CDK, Vercel, DigitalOcean.

Delivery & quality: Solution architecture, requirements, stakeholder communication, leadership, risk, handover; Claude Code, pytest, Vitest, GitHub Actions, property-based testing.

Languages: Japanese (JLPT N2), conversational Spanish.

PRODUCT ENGINEERING | [READWIDER](#) | AUG 2026–PRESENT

Newsletter-swap platform for indie authors · TypeScript, Next.js, Postgres (Neon), Drizzle, Clerk, Stripe, Cloudflare (R2, Workers, Access), Resend, OpenTofu, Vercel, Claude, Playwright

- Sole engineer on a production SaaS: three Next.js apps (marketing, product, admin) and a Cloudflare Worker redirect service, provisioned with OpenTofu across Vercel, Neon, Cloudflare, Clerk, Resend and Stripe.
- Designed a 48-table Postgres schema (17 triggers) around a grant-table access spine and an append-only audit log; admins authenticate at the edge and have no database table; reader addresses are never stored.
- Shipped Stripe subscription billing with per-account plan entitlements and idempotent webhook handling; integrated MailerLite and Kit newsletter archives, verified against real sends.
- 2,190+ automated tests passing (1,712 against real Postgres) and 13 custom static checks enforcing data-access rules; every change reviewed by a model from a second vendor; 320 tracked units delivered.
- Built eval-first LLM extraction: a deterministic baseline tied Claude Haiku 5.5 (recall/precision 1.00 on 9 real mentions), so the model shipped switched off; the eval also caught two pipeline bugs and rejected a prompt change. [Write-up](#).

AI ENGINEERING | INDEPENDENT AI ENGINEER & PRODUCT BUILDER, REMOTE | JUL 2025–PRESENT

[Event Commerce Ops Agent](#) | 2026

Google Cloud Rapid Agent Hackathon (MongoDB track) · Google ADK, Gemini, MongoDB Atlas, MCP, Shopify API

- Built a nine-capability multimodal agent converting event photos into Shopify products, with commercial scoring, campaign generation and human approval.
- Combined 3,072-dimensional image similarity with Gemini Vision scoring and MongoDB MCP workflow state; validated with 271 unit, scaffolding and live-evaluation tests. [Submission](#) / [demo](#).

[Jira Intelligence & Sprint Planning System](#) | 2026

Python, FastAPI, CrewAI, ChromaDB, LiteLLM, Instructor, Pydantic

- Improved **simulated** sprint-capacity utilization from 6% to 99% on one of two projects, using estimation and capacity-aware planning over 4,020 Jira issues.
- Built a five-agent RAG system with semantic/BM25 hybrid retrieval, five issue-hygiene capabilities, 36 API endpoints and nine CLI commands; 472 passing tests and simulation-first write safeguards.

Cost Assassin | 2026

AWS Hackathon (Specialized Agents) · TypeScript, AWS CDK, Bedrock, Lambda, X-Ray, DynamoDB, React

- Built a five-stage agent tracing DynamoDB N+1 reads in an X-Ray trace to their source line and generating a chunked BatchGetItem fix.
- Kept trace analysis and source location deterministic; used Bedrock for remediation, SSE for streaming and 22 property-based tests for core invariants. [Demo](#).

LawGlance — Merged Open-Source Contributions | 2026

Python, RAG evaluation, retrieval, citation grounding

- Added retrieval-evaluation metrics (Recall@K, MRR) and grounded legal responses with inline supporting citations; both contributions merged ([PR #25](#), [PR #27](#)).

Financial Document Retrieval & Evaluation Pipeline | 2026

Python, OpenAI, FAISS, BM25, Cohere, Pydantic, pytest

- Achieved **Recall@5 0.967 and MRR 0.831** in 66 retrieval experiments on a 160-page report; 500-character sentence chunks without overlap performed best.
- Observed overlap increase index size from 1,340 to 16,917 chunks while harming retrieval; Cohere reranking reduced MRR by 0.070 and increased latency from 1 ms to 4,198 ms.

PhotoTours — Deployed Product Experiment | Apr 2025–present

Next.js, TypeScript, OpenAI, MongoDB Atlas, SQLite, AWS EC2, DigitalOcean, Vercel

- Deployed three services classifying ~2,000 Viator tours for photography relevance: Vercel frontend, DigitalOcean API proxy and EC2 LLM classifier.
- Built search, tour comparison, favorites and affiliate booking with typed vendor adapters, Zod validation and AI content generation; 108 tests.

Additional AI projects: [Dating Compatibility](#) (fine-tuning improved AUC 0.40 to 0.91); [Customer Sentiment](#) (four agents, 4,742 reviews); [Digital Clone](#) (five-agent LangGraph RAG); [PaperSearch](#) (hybrid retrieval/reranking); [Resume Coach](#) (250 validated resume–job pairs); [Synthetic Q&A](#) (structured outputs, LLM-as-judge).

ENTERPRISE CONSULTING EXPERIENCE

Freelance Technical Consultant | 2007–Jul 2025

- Owned client technical delivery alongside enterprise roles, continuing through a client's acquisition in July 2025.

Managing Principal Consultant — MarkLogic | 2018–2023

- Managed up to 15 direct reports across Australia, Singapore and the Philippines; led 2–3 concurrent engagements (~US\$50K each) from requirements to production handover.
- Delivered operational dashboards, case analysis, report search, incident timelines and geospatial tools into production within weeks for Australian state law enforcement during early COVID-19 response.
- Connected Japanese clients and global engineering teams across requirements, design and delivery, in Japanese.

Senior Consultant — MarkLogic | 2015–2018

- Led enterprise search and content-platform deployments for Standards Australia, Foxtel and NSW Office of State Revenue; coordinated technical design and production delivery with teams in Japan, Philippines, UK and US.

RightNow / Oracle — Managing Technical Consultant; Delivery Manager; Application Engineer | 2008–2015

- Advanced through three engineering and delivery roles taking APAC enterprise CRM live for Telstra, NAB, Commonwealth Bank, universities, Yahoo Japan and Leoplace21.
- Helped recover a stalled GREE engagement with two weeks on-site in Japan, securing full implementation.

EDUCATION & CREDENTIALS

AI Engineering Training (2026) | **Master of Information Technology**, High Distinction, University of New England (2022), Vice-Chancellor Scholar | **Graduate Certificate of Information Systems**, Deakin University (2021) | **Diploma in Web Development**, NSW TAFE | MarkLogic Certified Developer · Oracle Management Fundamentals