

Saurabh Samadhiya

Staff Software Engineer | AI Engineer

📍 Bundoora, VIC | 📞 0424 902 053 | ✉️ samadhiya8@gmail.com

PROFESSIONAL SUMMARY

Staff Engineer with **18+ years of experience** architecting robust, scalable applications. Expert in **Golang (TDD)**, **Java**, and **Cloud-Native Architecture (AWS/GCP)**. Proven track record of defining technical visions and leveraging AI-agent workflows to accelerate the SDLC and drive engineering productivity.

CORE COMPETENCIES

- **Artificial Intelligence:** RAG Pipelines, Vector Databases (pgvector), Agentic Orchestration (LangGraph), Semantic Search, LLM Tooling (Claude, GPT-4).
 - **Distributed Systems:** Event-Sourcing (CQRS), Microservices, Domain-Driven Design (DDD), REST/SOAP.
 - **Infrastructure:** Cloud-Native Elasticity (AWS/GCP), IaC (Terraform), Kubernetes (GKE), Docker.
 - **Productivity:** AI-Agent Orchestration, CI/CD Modernization (Buildkite/Jenkins), TDD, Agile.
 - **Languages & Frameworks:** Golang, Java/J2EE, JavaScript/TypeScript, React/Next.js, Node.js, Python, Spring.
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PROFESSIONAL EXPERIENCE

InDebted Australia | Staff Engineer | Feb 2022 – Present

- **Core Platform Ownership:** Act as the end-to-end technical owner for the core compliance, communication scheduling, channel/content selection, and message delivery engine, one of the three pillars of the global platform.
- **Platform Evolution:** Architected critical features and third-party integrations for a high-scale, event-sourced debt collection platform.
- **AI Orchestration / Workflow:** Integrated AI-agent workflows (Claude Code, Gemini CLI) across the SDLC. Implemented a **RAG pipeline** using **pgvector (PostgreSQL)** and **agentic email writers / critique** to send personalized collection email
- **Technical Strategy:** Developed the long-term technical vision to align engineering output with executive goals while ensuring rigorous PII security standards.
- **Techstack:** Golang, Typescript, AWS (Lambda, SQS, SNS, RDS, Dynamo, S3 etc)

PaperCut Software | Senior Product Engineer | Mar 2016 – Jan 2022

- **Enterprise Escalation Specialist:** Served as the final line of defense for high-value, large-scale global clients; diagnosed and resolved complex performance bottlenecks and server crashes under pressure, directly securing and retaining multi-million dollar enterprise contracts.
- **Scalability:** Modernized the build system via **Kubernetes-based Jenkins pipelines** on GCP, drastically reducing developer feedback loops.
- **Print management in the cloud:** Engineered a global cloud-native print solution using GCP-based microservices and IoT to establish a node mesh within local networks, integrated with a mobile app for seamless job submission.
- **Technical Leadership:** Spearheaded the PaperCut NG JRE upgrade (8 to 11), ensuring a seamless transition across the developer org.
- **Techstack:** Golang, Java, Typescript, GCP (CloudRun, AppEngine, Redis, Firestore, BigQuery, Pub/Sub)

Innovation Group | Programmer Analyst | Nov 2013 – Mar 2016

- Customized end-to-end policy and claims management platforms for enterprise US-based insurance clients.
- Authored technical specifications and rapid prototypes to validate complex system integrations.

Infosys Ltd | Technology Analyst / Software Engineer | Feb 2007 – July 2013

- **Client Impact:** Received the **Certificate of Excellence** at Telstra for critical payment system enhancements.
- **Mentorship:** Led a team of 5 developers for Apple Inc., managing technical requirements and POC delivery.

PRODUCT VENTURES

[Kaprazo.com](#) | Co-Founder & Lead Architect | 2025 – Present

- Architected a **multi-tenant SaaS platform** for fashion designers to automate technical pack creation.
- Implemented **AI-driven workflows** to generate design sketches.
- Engineered the full-stack utilizing **Next.js and Golang** to deliver a high-performance MVP.

[JobLitt.com](#) | Founder & Architect | 2026 – Present

- An **AI-powered job search platform** that personalizes job discovery and automates application strategy.
- Designed an **agentic career strategist** using **LangGraph state machines** with human-in-the-loop breakpoints, streaming responses over SSE via Claude.
- Implemented a **RAG pipeline** using **pgvector (PostgreSQL)** and sentence-transformers for semantic job and resume matching.
- Engineered the full stack with **Python/FastAPI, Next.js, and GCP Cloud Run**, with a fully automated CI/CD pipeline via **Cloud Build**.

EDUCATION & CERTIFICATIONS

- **Bachelor of Technology:** Electronics & Communication Engineering
- **Oracle Certified Java Professional (OCJP 6)**
- **Cisco Certified Network Associate (CCNA)**