

WORK EXPERIENCE

Senior Software Engineer — Agentic Engineering Lead

May '26 – Present

Snabbit, Full-time

- **Owned and led the agentic engineering charter** — defined the strategy, tooling selection, and phased rollout of AI agents across the SDLC; onboarded **12+ engineers** onto agent-assisted workflows within the first month.
- **Designed a cost-aware model routing strategy** — mapped Claude Opus, Sonnet, and Haiku to task complexity (Opus for TRD/TDD generation and review reasoning, Sonnet for day-to-day agent execution, Haiku for high-volume low-latency tasks like doc validation and Slack lookups), cutting per-task inference cost by **~35%** without degrading output quality.
- **Built a documentation retrieval and routing layer** — indexed live documentation into a vector DB with a hyperlink-aware routing layer exposed via an MCP server, letting agents query up-to-date docs on demand instead of relying on stale context; **added prompt-caching on the server side** and chat summarization every 3rd iteration to control context growth, reducing token spend by **~30%** on long-running agent sessions.
- **Built a PR Review Agent** using Claude's skills framework — ingests diffs and cross-references **12 months of historical review comments** as a team-calibrated quality corpus; surfaces context-aware, standards-aligned feedback before human review; **cut PR review cycle time by ~40%**.
- **Engineered a suite of SDLC lifecycle agents**: Jira ticket intake → auto-generated TRDs and TDD scaffolds; Coralogix log correlation agent; Slack history retrieval for past-issue context; doc hyperlink validation agent — collectively **reducing feature delivery overhead by 4 weeks per engineer per quarter** and redirecting developer time from operational overhead to feature work.
- **Built a GUI Testing Emulator Agent** that autonomously provisions Android/iOS emulators, executes test flows, captures screenshots, and produces visual regression reports — **reducing manual QA setup time by 70%**.
- **Tech Stack**: Python, Claude API (Opus, Sonnet, Haiku), MCP servers, vector databases, shell scripting, Jira API, Coralogix, Slack API, Android/iOS emulators, Git/GitHub.

Senior Software Development Engineer - Backend

May '25 – Mar '26

Razorpay, Full-time

- **Architected and led development of Cell Router** — a Go/Gin-based central gateway using **cell-based architecture** with **modular interceptor chains (auth, logging, metrics)** and TOML/YAML configurations for cell parameters and routing. Intelligently directed traffic via **VPC peering, handling data failover and executing a disaster recovery strategy** for **100–150 merchants within 3–4 days**, significantly enhancing system uptime and data security.
- **Built and shipped AI-powered products** including custom **LLM assistants, RAG-grounded support agents with human escalation**, end-to-end process automation pipelines, and **ML prediction engines** exposed via REST APIs — specific to support team use cases, not generic wrappers.
- **Engineered Cell Router's core routing engine** using the Gin framework, featuring merchant context extraction (from headers, tokens, payloads) and resilient fallback strategies ensuring high availability. Leveraged **DynamoDB for sub-10ms lookup** of merchant-to-cell routing configurations.
- **Led backend engineering for key merchant platforms** (One Home, One Nav, Cross-Sell widget) — managed full lifecycle from technical design through **canary deployment (Spinnaker pipeline)** and final customer rollout; achieved **700 daily unique merchant cross-sells within 7 days** of launch (from a 3,600 merchant target group).
- **Leveraged AI tooling** (LLM, Cursor, MCPs, GNotebook) to efficiently onboard **1,900 routes** to a central redirection middleware, improving codebase maintainability and reducing route setup time.
- **Designed infrastructure for high-throughput services** (3+ microservices) including performance testing environments, **Kubernetes deployment configs**, and **Terraform IaC** — enabling **250 req/sec** and reducing manual setup by **80%**.
- **Mentored 2 junior engineers and 3 interns**, boosting team productivity and reducing onboarding time by an estimated **60%**. Contributed to talent acquisition via 6+ interview panels.
- **Tech Stack**: Golang, Gin, gRPC, Protobuf, MySQL, DynamoDB, Redis (Valkey), Kubernetes, Terraform, Kong, Docker, Helm.

Software Development Engineer - Backend

July '22 – April '25

Razorpay, Full-time

- **Automated merchant fund release** processes, increasing daily disbursal capacity by **900% to 3M/day** (from 300–400K manually). Led KYC process automation for non-website merchants, cutting activation time from **1 week to 1 day**.
- **Designed and built** a new system for registration fee collection by integrating Razorpay Checkout into the onboarding service, generating **\$5K in monthly capital gains**.
- **Optimized the internal payment risk rule-engine's database**, achieving a **50% reduction in p99 latency** (100ms → 50ms) and cutting **MySQL operational costs by 75%**, while decoupling service availability.
- **Led the migration** of the merchant support module **from a PHP monolith to a scalable Golang microservice** — orchestrated a **zero-downtime data migration**, redesigned the schema, and ensured data consistency via dual-writes and distributed transactions.
- **Acted as the main technical contact** for product and analytics on onboarding and merchant support. Onboarded and **mentored 4 new engineers**, speeding up SME ramp-up time by **30%**.
- **Tech Stack:** Golang, PHP, MySQL, Redis, Elasticsearch, SQS, Kafka, Kubernetes, Terraform, Docker.

Software Engineering Intern (Backend)

July '20 – Sep '20

Edzeeta, Internship

- **Built and deployed a customer-facing chatbot** using Python, Flask, and LLMs, leading to a **50% reduction** in support tickets.
- **Implemented secure user authentication** via OAuth 2.0 and JWT, ensuring scalable and safe user sessions.

EDUCATION

B.Tech (Major: Material Science, Minor: Computer Science)

2018–2022

National Institute of Technology, Karnataka, [Surathkal](#), CGPA: 8.63 (Major), 8.00 (Minor)