

Lovlin Thakkar

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 7 years of experience building high-scale systems across Fintech, Quick Commerce, and B2B SaaS. Expertise in architecting distributed systems and GenAI workflows driving enterprise compliance and operational efficiency, and designing high-throughput backend platforms with strong ownership and cross-functional impact.

EXPERIENCE

HeyMarvin AI (Equafin Corp)

Senior Software Engineer

Remote

Nov 2024 – Jan 2026

- **Enterprise Impact:** Architected a data archival system unblocking sales for **10+ enterprise customers** and ensuring data sovereignty compliance across 30+ organizations.
- Shipped a specialized Survey PII processing engine that secured 5 high-value enterprise contracts.
- Developed a scalable feature-flag and plan-control system enabling granular tier-based access and self-serve monetization.
- Championed technical excellence via design reviews and mentored junior engineers, reducing onboarding time by 30% and standardizing code quality.
- Collaborated with Product Managers to translate complex requirements into technical roadmaps for onboarding & growth use cases.

Swiggy (Instamart / Insanely Good / SuprDaily)

Software Engineer 2

Remote

May 2022 – Oct 2024

- **Market Expansion:** Re-architected capacity management to Slot-level granularity in **7 days**, reducing expansion lead time from **4 weeks to 1 week** for a major marketing launch.
- Delivered Real-time Demand Shaping v2, reducing peak-traffic order failures by **~1%** (absolute) and recovering **~\$1k+** GMV per day.
- Led backend engineering for the InsanelyGood pivot, designing high-availability presentation-layer services to support the transition.
- Orchestrated end-to-end integration of delivery tracking systems during a high-stakes migration into the primary Swiggy ecosystem.

Goldman Sachs

Associate (Software Engineer 2) and Analyst

Bengaluru, India

Jun 2019 – May 2022

- Re-engineered Trade Allocation workflows to scale processing capacity **10x** while reducing infrastructure costs by **80%**.
- Deployed Kong API Gateway for the Advisor Portal, centralizing security and traffic management.
- Optimized high-throughput Kafka processors to handle real-time trade data streams via the FIX Protocol.
- *Internship:* Built a Trade Position Open-Close calculator, mitigating human errors that caused **\$1k+** in projected monthly losses.
- *Internship:* Developed an Automated Regression Tester for Derivatives Exchange Connectivity, reducing release testing cycles from 8 hours to 2 hours.

SKILLS

Languages: Python (Django), Golang, Java, Node.js.
Infra: AWS (ELB, EC2, ECS, S3, RDS), Kafka, Postgres, Git.
Domain Knowledge: Distributed Systems, LLM Integration.

EDUCATION

Nirma University Ahmedabad
B. Tech in IT 2015 – 2019
PPI: 8.18 / 10.0

PROJECTS

- **Kharcha (Closed Testing):** AI powered Expense Tracker. Flutter, FastAPI, Postgres, Ollama, EC2
- **Tokamak Trajectory:** Robotic arm simulation for nuclear research using Reinforcement Learning
- **Gaming Agent:** Using Deep Q-Network to achieve human-level performance in a simple mobile game
- **Price Tracker:** Web-app for scraping e-commerce prices built with Node.js & MongoDB, works with 5+ platforms.