

Lovlin Thakkar

Software Engineer 2

✉ lovlinthakkar99@gmail.com 📞 8238829585 📍 Ahmedabad, India 🔗 lovlin-thakkar.github.io

Developer with a passion to learn, contribute, dive deep & build software to create great impact. 5 years of experience in building resilient systems, have worked with Golang, Python, Java, AWS, API Gateway, Kafka, Postgres, etc.

Professional Experience

2022 May – present
Ahmedabad,
India (Remote)

Swiggy (Instamart / InsanelyGood / SuprDaily), Software Engineer 2

- Multiple large-impact projects for SuprDaily & InsanelyGood apps.
- Realtime demand shaping v2 system for SuprDaily storefront.
- SuprDaily pivot to InsanelyGood; wrote presentation-layer service.
- Daily delivery capacity mgmt at Slot X Drop Point level (earlier Hub level) enabling business to scale up in-hand slot deliveries, completed in just 1 week!
- InsanelyGood move to Swiggy app: integrated entire delivery & tracking system. Tech: Django (Python), Go, Java, NodeJS, AWS, Postgres, API Gateway
- Shared many product ideas that garnered love of employees & executives.

Goldman Sachs

2021 Dec – 2022 May
Bengaluru,
India (Remote)

Associate (Software Engineer 2)

- Built the Kong API Gateway for the new Advisor Portal external website in the Asset Management Digital Tech team (<https://www.gsam.com/advisorportal/login>)

2019 Jun – 2021 Dec
Bengaluru, India

Analyst (Software Engineer 1)

- Re-engineered, simplified & optimised Trade Allocations workflow.
- Built a processor, scaled up the capacity by ~10x. Tech: Java, Kafka, DB2, QuickFIXJ

2019 Jan – 2019 Apr
Bengaluru, India

Spring Intern

- Built Trade/Order Position Open-Close feature. Reduced Ops Team's daily work by 1 hour & mitigated the financial risk associated with the manual work. (Tech: Java, Sybase, internal tools for deployment / DevOps etc.)

2018 Jun – 2018 Jul
Bengaluru, India

Summer Intern

- Built an Automated Regression Tester for Derivatives Exchange Connectivity. Reduced total testing time from 8h per release to ~2h (Tech: Java, Zebra DSL, Shell Scripting)

Education

2015 – 2019
Ahmedabad, India

B. Tech in Information Technology, Nirma University
8.18 PPI

Skills

| | |
|------------------|-----------------|
| Python | Postgres |
| Git | Unix |
| C | Data Structures |
| Machine Learning | Golang |
| Java | NodeJS |
| AWS | API Gateway |
| Algorithms | Apache Kafka |
| FIX Protocol | |

Projects

Trajectory Planning for Robotic Arm in Nuclear Tokamak

Created a simulation of the Robotic Arm in Blender & coded Actor-Critic Algorithm in Python for training it to reach a point in 3D space. Funded by Board of Research and Nuclear Sciences; Guide: Dr. Swati Jain.

Road Fighter (Gaming Agent)

Built a gaming agent for the Android game Road Fighter in Python using AndroidViewClient. The agent automatically opens the Android game and plays according to the trained Deep Q Network.

Scrape Metal

Built a price tracker website using Node.js & MongoDB. Works with 5 different E-commerce websites.

Achievements

Ranked 1st in Footprints'18 - ByteCode

- Solved 3 rounds of competitive coding & quizzes. Solved a problem using backtracking in the last round.

2nd in Hack-NU-Thon, NU-Tech '18

- Worked in a team of 3, came up with the idea & developed core logic of the app. Pitched the application to IIC - PDP.

Ideation Prize in TopCoder HumbleFool Hackathon

- Worked in a team of 3, we created a thorough document representing our idea - it was related to the education domain.

Interests

Coding

Teaching

Music

Chess

Science Fiction

Startups

Guitar

Trekking

Organizations

2017 - 2018

ISTE Students' Chapter, Nirma University, *Technical Head*