

SAUMITRA TOPINKATTI

SOFTWARE ENGINEER

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SUMMARY

Software Engineer with ~2 years of experience specializing in building scalable systems and cloud infrastructure. Bridging backend development with DevOps to deliver high-performance, production-ready solutions.

SKILLS

Languages: Java, Golang, JavaScript/TypeScript, Terraform

Databases: PostgreSQL, MySQL, SQLite, MongoDB

Frameworks/Tools: Gin, Node.js, Jest, JUnit 5, IntelliJ, VS Code, GitHub

Other: AWS, CI/CD, DevOps/GitOps, Operating System, Unix, Data Structures and Algorithms, Debugging and Testing

WORK EXPERIENCE

● **Software Engineer - Infraspec, Bengaluru** June 2024 - November 2025

AngelOne (<https://www.angelone.in>)

Skills: Java, Appium, Golang/Gin, Agile, Automation Testing, AWS, Terraform, Docker, Linux, Bash Scripting

- Developed a robust **Android automation suite using Appium and Java** for the full loan lifecycle (offer to disbursal), ensuring data integrity and covering critical edge cases like API failures.
- Achieved ~80% backend test coverage and cut QA regression cycles by 50% (from 4 weeks to 2 weeks)**, significantly accelerating feature releases and optimizing system stability via performance benchmarking.
- Engineered a scalable, multi-tenant AWS infrastructure (ECS, EFS, RDS)** with a layered Terraform design (Base/Platform/App).
- Consolidated fragmented repositories into a **single "config-driven" codebase**, enabling seamless tenant onboarding and automated tag-based deployments.
- Spearheaded critical **compliance initiatives (HIPAA, SOC 2 Type-2)** by **implementing Docker CIS hardening and resolving AWS vulnerabilities**.
- Developed a suite of Bash tools to **automate secure RDS provisioning, VPN access, and Disaster Recovery**, significantly reducing operational toil.

GlomoPay (<https://glomopay.com>)

Skills: GCP, Terraform, GitHub, Golang

- Modernized GCP infrastructure using Terragrunt** for strict environment segregation and **integrated Infisical for centralized secret management**, ensuring secure and standardized CI/CD pipelines.
- Reduced build times by 75% (from ~20m to ~5m)** via **multi-stage Docker builds and BuildKit caching**, eliminating bloat and significantly accelerating deployment cycles.

● **Software Development Intern - Infraspec, Bengaluru** January - April 2024

Internal Bootcamp

Skills: Java, JUnit, Automation Testing, Agile, Pair Programming, Test-Driven Development, Mocha/Chai/Sinon

- Completed an intensive Agile training program focusing on **Test-Driven Development (TDD)** and **clean code principles (SOLID, YAGNI)**, gaining hands-on experience with **pair programming and automated testing using JUnit 5, Mockito, and Mocha**.

EDUCATION

Bachelor of Engineering in Computer Science

KLS Gogte Institute of Technology, Belagavi

December 2020 - July 2024