Ganesh Gouru

Arlington, Texas, United States,| +1 (302) 546-2637 | ganeshgouru02@gmail.com
github.com/Ganixx | linkedin.com/in/ganesh-gouru | ganeshgouru.com | leetcode.com/u/ganeshgouru50/

SUMMARY

Full Stack Engineer specializing in performance optimization and system reliability, contributed to the successful migration of a Java monolith to a microservices architecture. This project cut deployment time by 33% and reduced P95 latency by 25%, proficient in Java (Spring Boot), React.js, AWS, Docker, and observability tools.

EDUCATION

Master's, Computer Science, UT Arlington   **Aug 2023 – May 2025**
- Majored in Software Engineering and Artificial Intelligence,GPA: **3.9** / 4.0, Programmer at the **ACM UTA** club.

WORK EXPERIENCE

Full Stack Engineer, Cognizant, Client: CNO Financial Group   **Jul 2021 – Jul 2023**
- **Owned** the end-to-end migration of the **Agent Profile, and Client & Policy** modules from a Java monolith to a **Spring Boot** microservices architecture, serving **10,000** daily active users.
- **Engineered** front-end features using **React.js** for the agent portal, specifically building the UI for agents to look up client data and manage policy endorsements.
- **Reduced** P95 page **latency** by **25%** on the Client & Policy lookup module by implementing a Redis-backed caching layer, which also accelerated complex report generation in the Reporting & Analytics module.
- **Enhanced** system **observability** across all owned modules by implementing an OpenTelemetry, Prometheus, and Grafana stack, reducing mean time to detection for production issues.
- **Secured** the production monolith by patching the critical Log4j CVE-2021-44228 **vulnerability**, analyzing all impacted services to ensure a seamless deployment under a **1-week** deadline.
- **Raised test coverage to 94%** on new microservices (JUnit, Mockito, Testcontainers) and closed 10 legacy bugs pre-cutover.
- **Automated** infrastructure provisioning and deployment by containerizing Spring Boot services with **Docker** and contributing to **CI/CD** pipelines on AWS.

Junior Software Engineer, Cognizant   **Mar 2021 – Jul 2021**
- Completed the **full stack certification** (React.js, Spring Boot, AWS) and developed a Twitter clone as a capstone.
- **Implemented** Kafka event streaming to power real-time feed updates and analytics, and delivered secure authentication and RESTful APIs via Spring Boot.

SKILLS

Programming Languages: Java(8-17), JavaScript (ES6 +), TypeScript, Python, SQL
Frameworks & Libraries: React.js, Next.js, Spring Boot, Express.js, PyTorch, Kafka Streams, LangChain, LangGraph
Cloud / DevOps & Tools: AWS (ECS, EKS, Lambda, S3), Docker, Kubernetes, Terraform, GitHub Actions, CI/CD

PROJECTS

Tech Lead & Project Coordinator(ACM UTA), MavGrades   **Jan 2025 – May 2025**
- **Led** an 11-developer team to build and launch MavGrades, scaling the grade distribution portal to over **3,000** users within three months of launch.
- **Architected** the application using **Next.js** for the full stack, personally implemented the back-end logic and API routes to manage all grade data within a SQLite database deployed on AWS.

AWARDS AND ACCOLADES

- HackUta - **1st** Prize, we built an AI-powered Chrome extension that helps people with ADHD.   **Mar 2025**
- DataThon - **1st** Prize, Best use of Gemini API, we built a networking portal with the power of Gemini.   **Apr 2025**
- Programming Contest - **1st** Prize, Hackerank style DSA contest conducted by CSE UTA.   **Apr 2025**