

# Ganesh Gouru

Arlington, Texas, US | +1 (302) 546-2637 | [ganeshgouru02@gmail.com](mailto:ganeshgouru02@gmail.com)  
[github.com/Ganixx](https://github.com/Ganixx) | [linkedin.com/in/Ganesh-gouru](https://linkedin.com/in/Ganesh-gouru) | [ganeshgouru.com](https://ganeshgouru.com) | [leetcode.com/u/ganeshgouru50/](https://leetcode.com/u/ganeshgouru50/)

## WORK EXPERIENCE

### Software Engineer, Cognizant, Client: CNO Financial Group

JULY 2021 – JULY 2023

- **Developed Responsive Web Features:** Implemented new user-facing features on the BSPN portal using **React** and **Redux**, building an intuitive single-page application for insurance agents.
- **Built and Consumed Microservices:** Developed backend **Spring Boot microservices** and REST APIs powering core BSPN functionalities like client info lookup, policy management, and commission tracking.
- **Optimized Performance with Caching:** Improved page and report load times by implementing a **caching layer** for frequently requested data. Used Spring's caching abstraction backed by **Redis** to store results of costly operations.
- **DevOps and Cloud Deployment:** Gained hands-on experience with **AWS cloud infrastructure** and DevOps pipelines. Containerized the Spring Boot services using Docker and deployed them on AWS (using Amazon **ECS**), set up automated build/test pipelines, and implemented blue-green deployments for zero-downtime releases.
- **Monitoring and Support (Run Team):** Collaborated with the operations team to monitor the BSPN platform in production, used monitoring tools like **Splunk** with defined **alerts** to track uptime, error rates, and performance metrics.
- **Agile Collaboration and Quality Assurance:** Worked in a Scrum team following two-week sprints. Participated in daily stand-ups, sprint planning, and retrospectives, emphasized **code quality**, wrote **unit tests** for new backend modules, and used **Jest** to test React components.
- **Integrated Enterprise SSO (Azure AD):** Implemented **Single Sign-On** using **Azure Active Directory** for the portal's authentication.

### Junior Software Engineer, Cognizant

MAR 2021 – JUL 2021

- **Completed** enterprise-level training in **React.js, Java, Spring Boot, MySQL, AWS, Kafka, and ELK Stack**.
- **Developed** a fully functional **Twitter clone** as a capstone project to apply learned technologies in a real-world use case, integrating real-time feeds and authentication using **AWS Cognito** and containerization using **Docker** and **EKS**.
- **Automated** deployment workflows using **AWS CI/CD pipelines** and implemented centralized logging via the **ELK Stack**, improving efficiency and observability, received **Full Stack Engineer Certificate levels 1,2** upon completion.

## SKILLS

**Languages & Devops:** JavaScript, TypeScript, Java, Node.js, Python, SQL, NoSQL, CI/CD, AWS, Github Actions, Agile  
**Technologies:** React.js, Next.js, Express.js, Pytorch, Lang Chain, Lang Graph, Kafka, Elastic Search, REST, Figma

## EDUCATION

### Master's, Computer Science, UT Arlington

MAY 2025

- GPA: **3.9 / 4.0**, Programmer at **ACM UTA**.
- Relevant Coursework: Advanced Algorithms, Distributed Systems, Cloud Computing, Secure Software Engineering

## PROJECTS

### Tech Lead & Project Coordinator, Mav Grades (<https://www.mavgrades.com/>)

JAN 2025 –

- **Led** a team of 11 developers within ACM @ UTA to design and deploy MavGrades, a web application providing UT Arlington students with detailed grade distributions by course and professor, aiding in class selection decisions.
- **Developed** a responsive full-stack app using **Next.js** and **TypeScript**, styled with **Tailwind CSS**, and integrated advanced search and filtering functionalities. Deployed the application on Vercel with analytics integration, achieving over 1,000 unique users within the first month of launch.

## 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**
- [ProgrammingContest](#) - **1st** Prize, Hackerank style DSA contest conducted by CSE UTA. **APR 2025**