

GANESH NAIK MUDAVATH

Email: ganeshnaikmudavath3@gmail.com | Phone: +91-6301170592 | [GitHub: github.com/GANESH985](https://github.com/GANESH985)
| [Portfolio: ganesh-portfoolio.netlify.app](https://ganesh-portfoolio.netlify.app) | [LinkedIn: www.linkedin.com/in/ganesh630](https://www.linkedin.com/in/ganesh630)

Full Stack Developer with strong experience in building scalable applications using ReactJS, NodeJS, TypeScript, Spring Boot, PostgreSQL, and MongoDB. Skilled in debugging, performance tuning, containerization, CI/CD pipelines, and test automation. Experienced in modernizing applications and integrating automation frameworks to deliver reliable and efficient solutions.

SKILLS:

Frontend/Frameworks:

- React.js, TypeScript, Redux, JavaScript (ES6+), HTML, CSS

Backend:

- Node.js, Express.js, RESTful APIs, GraphQL, Python

Databases:

- MongoDB, MySQL, PostgreSQL

DevOps & Infra:

- Docker, GitHub Actions, Jenkins, AWS (EC2, S3, Lambda, RDS), Kubernetes

Tools & Testing:

- Git, CI/CD, JWT, React Testing Library, Agile, SDLC, Debugging, Testing, JUnit, Jest, Cypress

Soft Skills:

- Leadership, Strong communication & collaboration, Innovation, accessibility, debugging

CERTIFICATIONS:

- SQL Server Fundamentals -NXT WAVE
- Migrating to the AWS Cloud – edX
- Software Engineering Virtual Experience – JPMorgan Chase & Co
- Full Stack Web Development Workshop – IIT Hyderabad
- AI/ML Hands-on Bootcamp – IIT Tirupati
- National Roll Ball Player – Represented Andhra Pradesh

EDUCATION:

B.Tech in Computer Science Engineering

Annamacharya Institute Of Technology & Sciences
2022-2025

Diploma in Electrical and Electronics Engineering

M.B.T.S Govt College
2018 – 2022

EXPERIENCE:

Full Stack Developer Intern

Leantech Labs – Remote | Sep 2023 – Dec 2023

- Developed and deployed a student dashboard UI using **React, Node.js, and MongoDB**, improving **navigation efficiency by 30%**.
- Collaborated with cross-functional teams to build scalable solutions
- Debugged and optimized systems, **achieving 20-30% performance improvements** in key projects.

Full Stack Developer Intern

BharatIntern – Remote Jul 2023 – Aug 2023

- Built backend APIs for an Ecommerce platform **using Node.js, Express.js, and MongoDB**.
- Optimized routing logic and UI responsiveness, **increasing user engagement by 25%**.
- Conducted **unit testing and sprint reviews** in an Agile setup to improve delivery quality.

PROJECTS:

Video Call Conferencing Application (Full Stack Application)

- Innovated **real time encrypted chat and video conferencing** features to ensure secure communication with the CURD Operation.
- Streamlined **APIs for 30% faster responses and 99.99% login reliability**.
- Boosted **engagement (+25%), cut drop-off (~20%)**, and scaled video sessions via responsive UI and smart filters

Secure Authentication and Authorization System

- Modernised a **role based authentication system** using **OAuth 2.0 and JWT**, strengthening application security (**reduced unauthorized access by 98%**).
- Serviced **multi-factor authentication (MFA)** with email and SMS verification, improving account protection by 85%.
- Built **session management and token refresh mechanisms**, reducing login failures by **40%**.
- Conducted **penetration testing and vulnerability scans**, closing **95% of identified security gaps**.

Cloud-Based Transaction Management System

- Innovated a distributed financial transaction system using **Node.js, MongoDB, and AWS Functions**.
- Authored **end-to-end encryption** and secure authentication with JWT for data integrity.
- Accomplished **99.9% uptime and improved transaction speed by 35%**, resulting in a **40% efficiency boost** for operations.