VAMSI KRISHNA GANTEDA

🔗 LinkedIn | 🐙 GitHub | </> Leetcode | 🌐 Portfolio

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SUMMARY

Full-Stack Developer (MCA Student) with hands-on experience in MERN and Java Spring Boot. Skilled in building scalable web applications, REST APIs, authentication (JWT/OAuth2), and real-time communication using WebSockets. Strong problem-solving and database management skills.

TECHNICAL SKILLS

Frontend: React.js, HTML, CSS, JavaScript, TypeScript, Tailwind CSS
Backend: Node.js, Express.js, Spring Boot, Flask, REST APIs, WebSockets
Databases: MongoDB, MySQL, Redis
Tools: Git, GitHub, Postman, Docker, VS Code, Eclipse, Vercel, Render
Languages: Java, Python, SQL
Core Skills: DSA, OOP, Debugging, Code Optimization

EXPERIENCE

Full Stack Developer Intern | T-Hub   Feb 2025 – Apr 2025
- Engineered E-Track, a smart infrastructure monitoring system using MERN stack.
- Incorporated JWT authentication, WebSocket-based real-time alerts, and role-based access control.
- Built REST APIs with Node.js/Express.js, tested with Postman, and deployed on Render/Vercel.
- Enhanced complaint tracking efficiency by 30% through interactive dashboards with Recharts.

Backend Developer Intern | Nexora Enterprise   May 2025 – Jul 2025
- Built and optimized RESTful APIs using Node.js + TypeScript, improving response time by 25%.
- Implemented secure JWT authentication and role-based access control for user and admin routes.
- Designed scalable backend architecture for a location-based MERN stack application.
- Reduced production bugs by 15% through API testing with Postman and GitHub-based version control

PROJECTS

Online Code Editor | React, Python, Gemini API   **Github**
- Created a browser-based IDE with multi-language support and syntax highlighting.
- Applied AI-powered code assistance for generation, refactoring, and output prediction.
- Executed authentication, theme switching, and code sharing features in a responsive UI.

Movixx | React, TMDB API   **Github**
- Programmed a movie discovery web app with trending, popular, and top-rated categories.
- Merged search functionality, detailed movie views, and trailers for better UX.
- Created a responsive UI for desktop and mobile devices with React and Tailwind CSS.

E-Track System | MERN Stack, WebSockets, JWT   **Github**
- Developed a full-stack application for building, asset, and complaint management.
- Integrated real-time alerts with WebSockets and email notifications for issue reporting.
- Designed dynamic building structures and dashboards with Recharts for data visualization.
- Deployed on Render and Vercel to ensure scalability and high availability.

EDUCATION

Master of Computer Applications(MCA)   Sep 2024 - Present
Aditya University(Surampalem,Rajahmundry)

Bachelor of Science (BSc)   Jun 2021 - May 2024
Andhra university (Visakhapatnam)