Sai Charan Veerlapati

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TECHNICAL SKILLS

Languages: Java, JavaScript

Web Development: HTML, CSS, React.js, Node.js, Express.js, REST APIs, MongoDB, SQL

Tools: Git, GitHub, Postman, Visual Studio Code, Android Studio

PROJECTS

TeamSync - Collaborative Project Management Tool   Feb 2025 – May 2025
- **Tech Stack:** Vite React.js, Node.js, Express.js, MongoDB, Socket.io, JWT
- Designed and developed a full-stack project management web application to improve team productivity and workflow efficiency.
- Enabled real-time collaboration with WebSocket-based communication, supporting instant chat, notifications, and status updates.
- Integrated JWT authentication and role-based access control, enhancing security and user management.
- Deployed with automated CI/CD pipelines, enhancing release efficiency and maintainability by **40%**.

CVR CSE Department Website   Jan 2025 – Feb 2025
- **Tech Stack:** Vite React.js, Bootstrap
- Developed the official departmental website for CVR College of Engineering, improving online visibility by **50%**.
- Built a responsive and accessible UI for consistent experience across devices, increasing mobile usability by **40%**.
- Worked with faculty to organize academic content, increasing content discoverability by **35%**.
- Optimized website performance and reduced load times, improving engagement by **30%**.

Fines Management System   Oct 2024 – Dec 2024
- **Tech Stack:** JSP, Java Servlets, MySQL, HTML, CSS
- Built a web-based system to manage student fines, enabling staff to issue, track, and resolve fines efficiently.
- Implemented authentication and role-based access control for students and administrators.
- Integrated MySQL with Java Servlets via JDBC for reliable data storage and retrieval.
- Designed an intuitive UI for seamless interaction, reducing manual workload by **40%**.

EDUCATION

CVR College of Engineering   Hyderabad, Telangana, IN
B.Tech in Computer Science and Engineering (CGPA: 9.35)   *2022 – Present*

Sri Chaitanya Junior Kalashala   Hyderabad, Telangana, IN
Intermediate (Marks: 973/1000)   *2020 – 2022*

CERTIFICATIONS

Full Stack Web Development certification from ApnaCollege.

Smart Coder certification from Smart Interviews.

Postman API Fundamentals certification from Postman.

Database Programming with SQL certification from Oracle Academy.

ACHIEVEMENTS

Selected for Amazon ML Summer School 2025, a competitive program focused on foundational and applied machine learning concepts, led by Amazon scientists.

Solved over 350 problems on LeetCode, demonstrating strong problem-solving skills in data structures and algorithms.

Qualified GATE 2025 (Computer Science) in the first attempt, indicating strong understanding of core computer science fundamentals.