

# Sai Charan Veerlapati

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## TECHNICAL SKILLS

**Languages:** Java, JavaScript, C++

**Web Technologies:** React.js, Node.js, Express.js, MongoDB, TailwindCSS

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

## PROJECTS

### TeamSync - Collaborative Project Management Tool

Feb 2025 – Apr 2025

- **Tech Stack:** 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.
- Generated exportable reports (PDF/CSV) and CI/CD pipelines for deployment automation, increasing maintainability and scalability 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: 9.44)

2022 –Present

### Sri Chaitanya Junior Kalashala

Hyderabad, Telangana, IN

Intermediate (Marks: 973/1000)

2020-2022

## CERTIFICATIONS

Smart Coder Certification from Smart Interviews.

Database Design from Oracle Academy.

Postman API fundamentals by Postman.

Database Programming with SQL from Oracle Academy.

## INVOLVEMENT

Solved 350+ problems on LeetCode, improving algorithmic thinking and data structures proficiency.

Qualified in GATE-2025 (CS) on the first attempt.

Served as Class Representative for three consecutive years during B.Tech, facilitating communication between faculty and students.