

Sai Charan Veerlapati

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TECHNICAL SKILLS

Languages: Java, JavaScript, C++

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

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

PROJECTS

TeamSync - Collaborative Project Management Tool

Mar 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%**.

TrackMyLaundry - Smart Laundry Management System

Dec 2024-Feb 2025

- **Tech Stack:** Vite React.js, Node.js, Express.js, MongoDB, Firebase, NFC, Twilio
- Designed and developed a MERN-based smart laundry management system using NFC-enabled bags for real-time order tracking.
- Implemented live status updates and notifications using Twilio SMS integration.
- Built an admin dashboard for shelf mapping, order status monitoring, and workflow management.
- Automated laundry lifecycle updates through NFC scans, reducing manual tracking errors and processing time.

CVR CSE Department Website

Nov 2024 – Dec 2024

- **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%**.

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.

Cloud Foundations certification from AWS Academy Graduate

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.