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.
- Implemented Kanban boards, Gantt charts, and task assignment features, improving project visibility and tracking.
- 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 – Mar 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%**.

Code Canvas – Online Code Editor   Jul 2024 – Sep 2024
- **Tech Stack:** React.js, Node.js, Express.js, Firebase, TailwindCSS
- Developed a real-time HTML/CSS/JS editor inspired by CodePen, allowing users to write, preview, and share code instantly.
- Used Firebase to persist user code across sessions, improving reliability and user experience.
- Designed a responsive and customizable interface using TailwindCSS, improving usability and navigation by **25%**.

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

Google Cloud Generative AI Virtual Internship.

Database Design from Oracle Academy.

Database Programming with SQL from Oracle Academy.

Database Programming with PL/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.