Charan VLN Pavani

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Professional Summary

Full Stack Developer with 2.5 years of experience building scalable, high-performance web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in TypeScript, Redux, Tailwind CSS, and REST API integration, with a track record of reducing ticket resolution time by 15% and automating manual processes by 30%. Experienced in SaaS, B2B, and enterprise solutions, collaborating effectively within agile, cross-timezone teams.

Technical Skills

Frontend: React.js, Redux, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML, CSS
Backend: Node.js, Express.js, PHP
Databases: MongoDB, MySQL, PostgreSQL
Tools: Git, GitHub, Vite
Concepts: REST APIs, Responsive Design, Component Architecture, Data Structures and Algorithms
AI Tools: ChatGPT, Perplexity, NotebookLM, GitHub Copilot

Experience

NxtWave   Sep 2025 – Dec 2025
Software Development Engineer

- Built interactive and dynamic web applications with a strong focus on JavaScript fundamentals and frontend logic.
- Developed reusable UI components using HTML, CSS, and Bootstrap, ensuring responsive and accessible designs.
- Worked on data-driven features and real-time functionality, strengthening debugging and problem-solving skills.
- Gained hands-on exposure to full-stack concepts and application workflows, forming a strong MERN foundation.

LogPilot   Dec 2024 – May 2025
Software Development Engineer

- Developed responsive and scalable frontend applications using React.js and JavaScript, improving user engagement by 30%.
- Implemented component-based architecture, hooks, and state management for maintainable, high-performance UIs.
- Collaborated with designers and backend teams to integrate REST APIs, increasing usability scores by 25%.
- Applied modern React patterns and frontend best practices to deliver performance-optimized solutions.

EntroLabs, Hyderabad   Apr 2024 – Sep 2024
Full Stack Developer (MERN-Aligned)

- Developed frontend interfaces using modern JavaScript and UI practices for a government school management system.
- Implemented role-based authentication and authorization flows, enhancing application security.
- Contributed to a scalable multi-role B2B SaaS platform with modular frontend-backend integration.
- Automated workflows and optimized data handling, reducing manual processes by up to 30%.

Deepija Telecom Pvt. Ltd. Feb 2023 – Mar 2024
Software Development Engineer

- Designed interactive dashboards with dynamic data visualization using API-driven UI logic.

- Built and enhanced a ticket management system UI, reducing ticket resolution time by 15%.

- Optimized frontend performance, improving overall system efficiency by 25%.

- Strengthened skills in debugging, system design, and scalable application development.

Projects

CoffeeQueue Pro Real-time Queue Management Web Application

- Built a real-time queue management interface to streamline customer flow for cafes and small food outlets.

- Developed a clean, responsive, and scalable frontend using React.js and TypeScript with a component-based architecture.

- Utilized Vite for fast development and optimized production builds.

- Styled the application using Tailwind CSS and shadcn/ui to create accessible, reusable, and modern UI components.

- Implemented efficient state management to handle dynamic queue updates and UI interactions.

- Designed a mobile-first, responsive layout ensuring seamless usability across devices.

- Followed modern frontend best practices for performance optimization, reusability, and maintainability.

AI Recipe Creator AI-Powered Recipe Generation Application

- Built an AI-driven application that generates complete recipes from natural language prompts based on available ingredients, dietary restrictions, serving size, and cuisine preferences.

- Designed dynamic recipe outputs including ingredient lists, step-by-step cooking instructions, and optional shopping or nutritional information.

- Implemented prompt-based logic to deliver accurate, personalized, and context-aware recipe suggestions.

- Focused on clean UI and user-friendly flows to simplify meal planning and reduce cooking time.

- Followed scalable frontend architecture principles to support future enhancements and AI model integrations.

Education

M.Tech, Visvodaya Engineering College 2021 – 2023
Percentage: 75%
B.Tech, PBR VITS 2015 – 2019
Percentage: 63%

Languages

English, Telugu, Hindi