Oggu Pavan

Hyderabad, India

+91-9347360858 | opavan1518@gmail.com

github | linkedin | portfolio

Professional Summary

Frontend Developer specializing in React.js with hands-on experience building responsive web applications. Proficient in modern JavaScript, component-based architecture, and performance optimization. Demonstrated ability to deliver production-ready applications with clean code and intuitive UI/UX.

Technical Skills

Frontend: React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, TypeScript
Styling & UI: Tailwind CSS, Material UI, Responsive Design, Mobile-First Development
State Management: Context API, React Hooks (useState, useEffect, useReducer, useMemo)
Backend & APIs: Node.js, Firebase, REST APIs, Socket.IO, WebSocket
Tools: Git, GitHub, Vite, npm, VS Code, Chrome DevTools

Projects

EcoShop – Sustainable E-Commerce Platform | GitHub | Live Demo
Tech Stack: React.js, Recharts, Framer Motion, Context API, React Router

- Developed responsive e-commerce platform with **15+ reusable React components** featuring product catalog, shopping cart, wishlist, and JWT authentication
- Implemented **carbon footprint tracking** using Recharts with interactive data visualization and eco-gamification features
- Optimized performance achieving **90+ Lighthouse score** through code splitting, lazy loading, and efficient state management
- Enhanced UX with Framer Motion animations, dark/light theme toggle, and mobile-first design across 5+ breakpoints

AdminHub – Role-Based Admin Dashboard | GitHub | Live Demo
Tech Stack: React.js, Vite, Tailwind CSS, React Router v6

- Built admin dashboard with **role-based access control** and protected routes, supporting multiple user permissions
- Designed **scalable architecture** with 20+ reusable UI components following atomic design principles
- Implemented responsive sidebar navigation, data tables, analytics charts, and dark/light mode using Tailwind CSS
- Integrated form validation, error handling, and loading states for robust user experience

Real-Time Chat Application | GitHub | Live Demo
Tech Stack: React.js, Node.js, Socket.IO, Express.js

- Engineered real-time messaging platform supporting **multiple chat rooms** with instant message delivery using WebSocket
- Developed typing indicators, online/offline presence, message timestamps, and **low-latency communication**
- Implemented responsive interface with **efficient re-rendering** using React.memo and useMemo hooks
- Built RESTful backend API with Express.js for user authentication and room management

Education

Malla Reddy Institute of Technology and Sciences   Hyderabad, India
Bachelor of Technology in Computer Science and Engineering   2022 – 2026
CGPA: 8.0/10.0   —   *Relevant Coursework: Data Structures, Algorithms, DBMS, Web Technologies*

Professional Certifications

- **Responsive Web Design Certification** – freeCodeCamp
- **JavaScript Algorithms and Data Structures** – freeCodeCamp
- **Front End Development Libraries** – freeCodeCamp
- **React.js Certification** – Great Learning
- **Problem Solving (Intermediate)** – HackerRank