AJAY AUCHAR

Frontend Developer | MERN STACK

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PROFESSIONAL SUMMARY

Results-driven Frontend Developer with 3.6+ years of experience designing and delivering **scalable, high-performance web applications** for enterprise and SaaS platforms. Specialized in **React.js, Redux, JavaScript (ES6+), and TypeScript,** with deep expertise in **responsive UI engineering, RESTful API integration, and real-time WebSocket-based systems.** Proven ability to **optimize application performance,** reduce load times, and improve user workflows through **efficient component architecture, state management, and UI optimization techniques.** Strong experience building **production-ready, reusable UI components** that enhance maintainability and accelerate feature delivery. Highly effective in **Agile/Scrum environments,** collaborating closely with product managers, designers, and backend teams to translate complex business requirements into **intuitive, user-centric interfaces.** Recognized for technical ownership, problem-solving skills, and delivering reliable, high-quality frontend solutions aligned with business impact.

CORE TECHNICAL SKILLS

Frontend Technologies:

React.js, Next.js, Redux, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Material UI, Bootstrap

State Management & UI:

Redux Toolkit, Context API, Reusable Component Architecture, Lazy Loading, Conditional Rendering

Real-Time & Integration:

REST APIs, WebSocket, Async/Await, Promises, API Integration

Responsive Design:

Flexbox, CSS Grid, Media Queries, Cross-Browser Compatibility

Style:

Boostrap, Material UI, Tailwind css

Tools & Practices:

Git, Agile/Scrum, Performance Optimization, Debugging, Code Optimization

PROFESSIONAL EXPERIENCE

Frontend Developer
📅 *May 2022 – April 2025 (3 Years)*

Interproductec – Prep Assistant

📍 Navi Mumbai, India

Prep Assistant Application

Technologies: React.js, Redux, JavaScript, Material UI, WebSocket, REST APIs

▸ Designed and developed scalable, responsive frontend applications using **React.js, Redux, HTML5, CSS3, and Material UI** ensuring seamless performance across devices and browsers.

▸ Implemented **WebSocket-based real-time communicatio** , enabling instant UI updates for kitchen equipment status and operational events.

▸ Built adaptive layouts for desktop, iPad, and Android tablets using **Flexbox, CSS Grid, and Media Queries** delivering a consistent cross-platform experience.

▸ Developed a **modular, reusable component library** significantly improving maintainability and accelerating feature development.

▸ Implemented robust **Redux state management** ensuring predictable data flow and enhanced UI responsiveness.

▸ Streamlined critical UI workflows, contributing to 4–5 hours of daily prep time reduction, directly improving operational efficiency in commercial kitchens.

Tradeshow Dashboard Project

Technologies: React.js, WebSocket, Real-Time Monitoring Systems

▸ Engineered a **real-time oven monitoring dashboard** with camera-based detection to validate product placement in trays.

▸ Implemented advanced **error-handling and validation logic** preventing product mix-ups and improving production accuracy.

▸ Developed a **live status tracking system** displaying product stages (Baking, Heating, Done, Error) for real-time operational visibility.

▸ Integrated **WebSocket communication** to ensure instant synchronization between backend systems and UI.

▸ Collaborated closely with cross-functional teams to refine workflows, reducing manual tracking and improving efficiency.

Frontend Developer Intern
📅 *June 2021 – December 2021 (6 Months)*

TheContrast

MESBRO B2B & Communication Platform

▸ Built comprehensive **B2B marketplace** using React.js, JavaScript, REST APIs

▸ Developed and maintained **RESTful API** integrations supporting full CRUD operations (GET, POST, PUT, DELETE).

▸ Implemented **lazy loading and conditional rendering** , improving initial page load performance. >

▸ Built advanced **pagination, filtering, and search features** enhancing product discoverability and navigation.

▸ Managed asynchronous data flows using **async/await and Promises** ensuring smooth UI rendering.

▸ Optimized component lifecycle and API calls to handle high-traffic usage scenarios efficiently.

EDUCATION

Bachelor of Science (B.Sc.) – Computer Science

Wada Collage University

Higher Secondary Certificate (HSC) – Science

University of Mumbai