THARUN UPPULA

React Frontend Developer |

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PROFILE SUMMARY

React Frontend Developer with **2+ years of experience** building scalable, high-performance web applications across **enterprise dashboards, e-commerce platforms, and workflow-driven systems**. Strong expertise in **React.js, TypeScript, and component-driven UI architecture**, with a solid foundation in **responsive design, cross-browser compatibility, and accessibility standards (WCAG)**.

Proficient in integrating **RESTful APIs**, managing complex application state using **Redux, Context API, and React Hooks**, and optimizing frontend performance through **memoization, lazy loading, and code splitting**. Possess **foundational knowledge of Node.js and Express** to understand API request/response flows, support frontend integration, and collaborate effectively with backend teams.

Demonstrated ability to translate **Figma designs and complex business requirements** into clean, reusable, and pixel-perfect UI components. Known for writing **maintainable, scalable code** and collaborating closely with **designers, backend engineers, QA teams, and product stakeholders** within **Agile environments** to deliver production-ready frontend solutions.

KEY HIGHLIGHTS

• Strong expertise in **React.js, TypeScript, and modern JavaScript (ES6+)** for building scalable, component-driven frontend applications.

• Hands-on experience with **modern UI libraries and styling frameworks** including Material UI, Tailwind CSS, Styled-Components, and Bootstrap.

• Proficient in **state management and data handling** using Redux, Context API, React Hooks, React Query, and custom hooks.

• Extensive experience integrating **RESTful APIs** using Axios, including handling authentication, loading states, and error scenarios.

• Working knowledge of **basic Node.js and Express APIs** for understanding request/response flows and supporting frontend integration and testing.

• Skilled in **responsive, mobile-first design and accessibility (WCAG)** to ensure consistent usability across devices and browsers.

• Strong focus on **performance optimization**, applying memoization, lazy loading, code splitting, and render optimization techniques.

• Effective collaborator with proven ability to work closely with **cross-functional teams** and deliver high-quality UI solutions in Agile environments.

Technical Skills

Category	Skills & Tools
Frontend & UI Development	React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Material UI (MUI), Styled-Components, Tailwind CSS, Bootstrap, AG Grid, MUI Data Grid, React Router, Responsive Layouts
State Management	Redux, Context API, React Hooks, React Query (TanStack), React Hook Form, Custom Hooks, Lazy Loading, Code Splitting, Memoization, Component Optimization
Backend & APIs	RESTful APIs, Axios, JSON Handling, Node.js (Basics), Express (Basics)
Performance & Quality	ESLint, Prettier, Lighthouse Audits, Clean Code Practices, Code Optimization
Tools & Workflow	Git, Bitbucket, GitHub, VS Code, Postman, CI/CD (Basics), Agile/Scrum, Vite, Webpack, Firebase Auth
Testing	Jest, React Testing Library
Visualization & Utilities	Chart.js, React Flow, Accessibility (WCAG), Animation Basics (Framer Motion optional)
Design & Collaboration	Figma, UI Specifications, Client Demos, Cross-functional Collaboration
Deployment	Vercel, Netlify, GitHub Pages

WORK EXPERIENCE
Decode Solutions Pvt. Ltd | Hyderabad, India
React Frontend Developer | Nov-1- 2024 – June-30-2025

Project: Enterprise Analytics Dashboards & Workflow Visualization Systems
Designed and developed **modular, enterprise-grade dashboards** supporting real-time analytics, business insights, and workflow visualization. Collaborated closely with **backend, design, and product teams** to deliver **high-performance, scalable interfaces** for large datasets and complex UI layouts.

Key Contributions
- Built **reusable, component-driven UI components** including dynamic data tables, filters, search modules, pagination, charts, and modals to support large-scale enterprise dashboards.
- Developed **interactive analytics dashboards** using Chart.js, integrating real-time REST APIs for KPI monitoring, performance metrics, and operational insights.
- Implemented **global theming (Dark/Light mode)**, multi-language support using i18n, and **fully responsive layouts** using Tailwind CSS.
- Improved rendering efficiency by **~25%** through **React.memo, lazy-loaded routes, debounced search and filter operations**, and component-level optimization.
- Designed **workflow diagrams and process automation visualizations** using React Flow, enabling users to track operational pipelines and decision flows.
- Integrated **Axios-based service layers** to handle API communication, error handling, data transformation, and request abstraction.
- Ensured **accessibility (WCAG)** compliance by improving semantic HTML, keyboard navigation, and UI consistency across components.
- Wrote **unit and component tests** for critical UI and API-driven flows using Jest and React Testing Library.
- Collaborated with UI/UX teams using **Figma** to ensure pixel-perfect implementation aligned with design systems and branding guidelines.
- Actively participated in **Agile ceremonies**, peer code reviews, and sprint planning; maintained clean, scalable code using **ESLint and Prettier**.
- Performed PR reviews, followed **GitFlow branching**, and maintained clean commit history to support CI/CD workflows.

Tech Stack
React.js, TypeScript, Tailwind CSS, Chart.js, React Flow, Axios, REST APIs, Git, Vite, Agile/Scrum, Figma

Tanama Software Pvt. Ltd | Bengaluru, India
React Web Developer | May-2-2023 – Sep-27- 2024

Project: Multi-Module E-Commerce Web Platform for Order Processing & Inventory Operations
Contributed to the **end-to-end frontend development** of a large-scale **e-commerce and warehouse management platform** supporting product lifecycle management, inventory operations, order processing, and role-based user access. Worked closely with **backend engineers, QA teams, and product stakeholders** to deliver scalable, reliable, and user-friendly web interfaces.

Key Contributions

- Developed and maintained **four core frontend modules** — Dashboard, Picking, Staging, and Dispense — improving **order processing efficiency, inventory visibility, and operational workflows**.
- Designed and implemented **reusable, component-driven UI architecture**, ensuring consistency across modules and reducing development effort through shared components.
- Integrated **CRUD operations and data-intensive tables** with real-time **RESTful APIs** for products, inventory, and order workflows using Axios.
- Implemented **robust API handling** including request validation, loading indicators, empty states, and error handling to ensure predictable and resilient UI behavior.
- Optimized application performance using **Context API, custom hooks, memoized components**, and optimized table rendering techniques for large datasets.
- Built **fully responsive, mobile-first user interfaces** supporting desktop, tablet, and mobile devices using **Material UI (MUI) and modern CSS practices**.
- Collaborated closely with backend teams to **align data models, validate API contracts, and understand request/response flows**, ensuring seamless frontend–backend integration.
- Applied **basic Node.js and Express knowledge** to understand API implementation, assist in frontend testing, debug integration issues, and support smoother communication with backend services.
- Participated in **user demos, client feedback sessions, and acceptance testing**, incorporating feedback to enhance usability and workflow efficiency.
- Worked within **Agile/Scrum environments**, contributing to sprint planning, stand-ups, and peer code reviews while maintaining clean code and Git-based workflows.

Tech Stack

React.js, JavaScript (ES6+), Material UI (MUI), CSS3, REST APIs, Axios, Context API, Custom Hooks, **Node.js (Basics), Express (Basics)**, Git, Agile/Scrum

EDUCATION

B. Tech – Information Technology | Kakatiya University | 2019 – 2022
Diploma – Mining Engineering | SBTET | 2016 – 2019
Secondary Education | St. Mary's High School | 2016

CERTIFICATIONS

- Full-Stack Web Development – Inspanner Academy
- Web Development Bootcamp (Responsive & Scalable Applications)