

UDAYAR KUMARAN

Front-End Developer (React.js)

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PROFESSIONAL SUMMARY

Frontend Developer Skilled in React.js and JavaScript, with hands-on experience building responsive and user-centric web applications. Strong in component architecture, API integration and performance optimization. Dedicated to delivering clean, scalable code that improves user experience and product quality.

TECHNICAL SKILLS

- **Frontend Technologies:** React.js (18.2), JavaScript (ES6+), HTML5, CSS3, Responsive UI, Component-based Architecture
- **Routing & Navigation:** React Router (V6) – Dynamic Routing, Nested Routes, Navigation Guards, Protected Routes
- **State Management:** Redux, Context API, React Hooks (useState, useEffect, useReducer)
- **API & Backend Integration:** Rest APIs, HTTP methods, Async/Await, Error handling
- **Build Tools:** Webpack, Babel, NPM, Git, GitHub
- **Backend (Basics):** Node.js, Express.js
- **Database:** MongoDB
- **Tools:** VS Code, Netlify, Render, Git, GitHub
- **Design:** Photoshop, UI Layouts
- **Other Skills:**
 - UI Performance Optimization,
 - Cross-Browser Compatibility,
 - Mobile-First Development

PROJECTS

MSD KART – ECOMMERCE WEBSITE

LIVE SITE

- Developed a fully functional e-commerce website with authentication, product listing, cart management and order workflow.
- Implemented reusable React components and optimized UI for faster load times.
- Integrated secure backend APIs using Node.js, Express.js and MongoDB

OJO TECHNOLOGIES

LIVE SITE

- Built a modern, mobile-responsive website using HTML, CSS, JavaScript and React.
- Optimized page structure for improved rendering and UX.

To-Do-List – PERSONAL TASK MANAGER

LIVE SITE

- Developed a task management tool with create/delete/complete functionality.
- Designed a clean UI with persistent local storage.

WORK EXPERIENCE

Project Associate - CSIR – SERC, Chennai. | (Dec 2023 – Apr 2025)

- Contributed to internal web tools and UI development.
- Built responsive interfaces and collaborated with developers to enhance usability.

Junior Design Engineer - Heaven Structures, Chennai. | Oct 2021 – Nov 2023

- Managed engineering documentation and collaborated across teams.
- Applied problem-solving and analytical skills beneficial for frontend logic.

EDUCATION

Bachelor of Engineering

St Joseph College of Engineering, Chennai.

CGPA: 7.78 | 2017-2021

LANGUAGES

English (Fluent), Tamil (Native), Hindi (Conversational)