




MANOJ KILARI

Frontend Developer | React.js

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 [ManojKumar - Portfolio](#)

PROFESSIONAL SUMMARY

Frontend Developer with hands-on experience in building responsive, user-friendly web applications using **React.js, TypeScript, and modern JavaScript (ES6+)**. Skilled in state management with **Redux/Recoil**, creating reusable UI components, and developing single-page applications with **React Router and Next.js**. Strong collaborator in Agile/Scrum environments with a focus on performance, clean code, and seamless user experience.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3

State Management: Redux, Recoil

UI Frameworks: Bootstrap, Material-UI

Version Control: Git, GitHub, GitLab

PROJECT EXPERIENCE

Hospital Management System

React.js Developer | 1 Year

- Developed reusable React components and integrated REST APIs using component-based architecture.
- Managed application state efficiently using **Redux** and built interactive dashboards with dynamic data visualization.
- Designed and implemented CRUD operations with form validations and API integrations.
- Created **fully responsive UIs** using Bootstrap grid system for all screen sizes.
- Applied **OOP principles** to build scalable and reusable UI components across the application.
- Collaborated with testing teams and business analysts in **Agile/Scrum** ceremonies.
- Used **JIRA** for bug tracking, sprint planning, and daily issue monitoring.
- Performed troubleshooting, debugging, and continuous performance optimization for improved UX.

Device Identification System

React, TypeScript, JavaScript, Next.js

- Developed a device data management tool supporting manual and Excel-based inputs.
 - Implemented JSON conversion from Excel and generated XML files for FDA system compliance.
 - Managed global state using **Recoil**, ensuring consistent data flow.
 - Built components supporting file uploads (video, audio, etc.).
 - Improved dashboards with advanced data visualization and charts.
 - Wrote comprehensive unit tests using **Jest & RTL**.
 - Enhanced system stability by upgrading packages without affecting production.
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EDUCATION

Bachelor of Computer Applications (BCA)

Krishna Chaitanya College, Vikrama Simhapuri University, Nellore

June 2018 – November 2022

CERTIFICATIONS

- Frontend Web Developer Certification – FreeCodeCamp (2020)
 - JavaScript Algorithms and Data Structures Certification – FreeCodeCamp (2020)
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KEY ACHIEVEMENTS

- Built and deployed 2+ React inspired frontend projects using React and modern tools.
 - Improved component reusability by 40% through modular design in the Hospital Management System.
 - Reduced UI bug reports by 25% after introducing React Testing Library and Jest.
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PROFESSIONAL ATTRIBUTES

- Strong problem-solving and debugging skills
- Experience in Agile/Scrum development
- Ability to translate UI/UX designs into functional, responsive web applications
- Good communication and teamwork skills