

Uma Madhuri Ranga

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PROFESSIONAL SUMMARY

React Developer with 2+ years of experience building **responsive, accessible, and scalable web applications**. Skilled in **React.js, JavaScript (ES6+), Material-UI, and Redux Toolkit**, with hands-on experience in **UI/UX implementation, API integration, and performance optimization**. Known for converting **Figma designs** into **reusable components**, improving load times, and delivering **high-quality user experiences**. Strong collaborator with a focus on **clean code, maintainability, and accessibility (WCAG)**.

Technical Skills

Frontend – React.js, JavaScript (ES6+), HTML5, CSS3, Material-UI (MUI), Redux Toolkit, React Router, Axios, Responsive Design, Accessibility (WCAG)

Backend & Databases – Node.js, Express.js, MongoDB, MySQL

Tools & Platforms – Git, GitHub, Figma, Postman, Agile/Scrum, Power BI, Tableau, Power Query

Projects & Professional Experience

Wipro Technologies – Hyderabad

React Developer | Mar 2023 – Present

Client Project: Healthcare Insurance Portal

- Built **responsive, scalable React.js components** using **Material-UI** with **WCAG 2.0 accessibility compliance**.
- Converted **Figma designs** into **reusable UI components** and contributed to a shared **UI Pattern Library**.
- Implemented **Redux Toolkit** for **predictable state management** and integrated **CRUD operations** across workflows.
- Collaborated with **backend, QA, and design teams** to deliver **maintainable, production-ready code**.
- Improved page load performance through **lazy loading, bundle optimization, and efficient rendering**.
- Designed and delivered the **Help Section** (User Manuals + Video Tutorials), reducing support requests.
- Documented **API workflows, UI interactions, and integration patterns**.

Book Store Management System – MERN Stack

- Developed a **responsive React frontend** for book and user management.
- Implemented **authentication, authorization, and routing** using **React Router**.
- Built **REST APIs** with **Node.js & Express.js** and integrated **MongoDB**.
- Applied **pagination**, optimized queries, and improved **performance**.
- Debugged and tested APIs using **Postman**.

Education

Marri Laxman Reddy Institute of Technology and Management
Information Technology

07/2018 – 06/2022
Hyderabad, India

Certificates

- Master AI for Web App Development – Simplilearn
- MERN Full Stack Development – Great Learning
- Prompt Engineering – Great Learning

Key Competencies

- Strong understanding of **UI/UX principles**
- **Clean, maintainable coding practices**
- Good **communication and team collaboration**
- Ability to work in **Agile environments**