

RAKESH CHIPPALAPELLY

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Professional Summary

Results-driven **Front-End Developer** with **3+ years** of experience in building dynamic web and mobile applications. Skilled in **React.js** with expertise in Redux, RESTful APIs, state management, asynchronous data handling, and cross-platform development. Adept at collaborating with cross-functional teams, implementing Agile methodologies, and utilizing Git and Jira for efficient project management. Passionate about delivering intuitive and high-performance applications.

Experience

System Engineer, TCS-Hyderabad

February 2022 – Present

Simply Energy- MyEngie (Australian Energy Retailer): Energy Tracker Application

Role: Developer L2

Technologies: React Js, JavaScript, Redux, REST APIs, Context API

- Developed responsive **UI/UX designs** using React.js, Redux, Context API, and React Hooks, ensuring seamless collaboration with design and backend teams.
- Built **onboarding flows** and recommendation carousels integrated with backend APIs to enhance user engagement.
- Designed and implemented a **user profile management system**, allowing users to update personal details and preferences.
- Created **data visualization components** to represent energy usage statistics, improving user decision-making.
- Integrated **MyEngie's backend APIs** to enable real-time data fetching and optimize application performance.
- Collaborated closely with **cross-functional teams** (designers, product managers, and backend engineers) to meet project milestones efficiently.

MUX Solutions

Role: Developer L1

Technologies: React JS, Bootstrap, CSS, Jest

- Developed **responsive front-end applications** using React.js, Bootstrap, and CSS, ensuring an optimized experience across devices.
- Designed and implemented **interactive data entry forms** with validation and report generation features.
- Conducted **unit testing** using Jest and Enzyme to maintain robust, high-quality code.
- Provided **technical input** on feasibility and user experience enhancements in collaboration with design and development teams.
- Monitored and optimized **front-end performance** to enhance application speed and responsiveness.

Education

JB institute of engineering and technology B.Tech in Electronics and communication engineering

Aug 2018 – Jun 2021

Personal Projects:

Movie Review

Technologies: React.js, Redux, Node.js, Express.js, MongoDB, Bootstrap

- Developed a **full-stack movie review application** using the MERN stack.
- Implemented **Redux for state management** and designed a responsive UI
- Built a **Node.js & Express.js backend** to handle API requests and used MongoDB as the database.

Products Inventory

Technologies: React.js, Context API, JSON Server, Jest

- Created a **product inventory management system** with CRUD functionality for authenticated users.
- Utilized **Context API for state management** and implemented unit testing with Jest.
- Configured **JSON Server** as a lightweight backend for data storage.

Key Skills:

- **Front-End Development:** React JS, JavaScript, HTML5, CSS3, Bootstrap, Tailwindcss
- **State Management:** Redux, Context API
- **API Integration:** RESTful APIs
- **Testing & Debugging:** Jest
- **Version Control:** Git, GitHub
- **Certifications:** Azure Fundamentals- AZ900, Designing and Implementing Microsoft DevOps Solutions -AZ400