PARISUDDHABABU PEDAPUDI

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SUMMARY

Front-end Engineer with 2+ years of experience specializing in **React, Next.js, and modern front-end technologies**. Proven track record in building scalable web applications with a focus on state management, API integrations, and performance optimization.Worked on multiple projects from inception to production, ensuring usability, scalability, and maintainability. Passionate about creating dynamic, user-friendly interfaces and staying up-to-date with the latest front-end technologies.

SKILLS

Web Technologies: ReactJS, NextJS, Redux, Redux Tool Kit, Typescript, Javascript, HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap, GraphQL.
Tools: Azure, Git,VS Code,Webpack, Lighthouse,Unit Testing.
Operating Systems: Ubuntu, Windows.

EXPERIENCE

Frontend Engineer
Brainvire Infotech Inc

01/2023 - 09/2024
Ahmedabad, INDIA

- Led the development of **scalable web applications** using **React and Next.js**, improving application performance by **30%** through **lazy loading, code splitting, and optimized bundling**.
- Specialized in **Next.js latest versions**, with expertise in **server-side rendering (SSR)**, **nested routing, and authentication** using **NextAuth.js** for seamless session management across platforms.
- Strong expertise in **state management within React applications**, utilizing **Redux, Redux Toolkit, and redux-thunk**, while adhering to **single source of truth** and **unidirectional data flow** principles.
- Leveraged **TypeScript's type safety features** and **ESLint linting** to enhance code quality, reduce runtime errors, and improve development efficiency.
- Optimized frontend performance and build processes using **Webpack** for **efficient bundling**, **code splitting, and asset management**.
- Utilized **Chrome Developer Tools** for **debugging**, **performance optimization**, achieving a **15% improvement** in accessibility and load times using **Lighthouse**.
- Focused on **Code optimization**,**Sonarqube Analysis**,**Unit testing** and Supported designers in integrating CSS into Next.js.

MERN Stack Intern
Nxtwave Disruptive Technologies

07/2022 - 12/2022
Hyderabad, INDIA

- Certified in **Python**,**SQL**,**Javascript**,**HTML** and **CSS**;developed **web applications** using HTML, Bootstrap and Javascript.
- Hands-on experience in **full-stack development** with a focus on **frontend development** and **API integration**.

PROJECTS

OcuSoft Website | Next v13, React v18, Redux, Typescript.   [Link]

- Implemented **RESTful API** integrations using **Axios/Fetch**, leveraging **Redux Thunk** for efficient **asynchronous state management**, data fetching, and caching, optimizing client-server interactions.
- Optimized frontend performance through **lazy loading**, **code splitting**, and **efficient asset management**, improving load times and reducing resource consumption.
- Designed and developed a **custom table component** following **clean architecture** principles, enabling efficient rendering of user-searched data with advanced features such as **filtering**, **sorting, searching, and pagination**.
- Developed **responsive user interfaces** with a strong emphasis on **cross-browser compatibility**, ensuring seamless performance across various devices.
- Focused on **Code optimization**,**Sonarqube Analysis**,**Unit testing** and Supported designers in integrating CSS into Next.js.

Whimarketing Website | Next v13, React v18, Redux, Typescript, GraphQl.   [Link]

- Implemented **GraphQL API** integrations using **Axios/Fetch**, leveraging **Redux Thunk** for efficient **asynchronous state management**, data fetching, and caching, optimizing client-server interactions.
- Optimized frontend performance through **lazy loading**, **code splitting**, and **efficient asset management**, improving load times and reducing resource consumption.
- Designed and developed a **custom table component** following **clean architecture** principles, enabling efficient rendering of user-searched data with advanced features such as **filtering**, **sorting, searching, and pagination**.
- Implemented **dynamic forms** with **multi-level validations** and **section-based permissions**, enabling a robust **role-based access system**. Based on the logged-in user's role, forms could be **updated, edited, submitted**, or **saved**.
- Developed **responsive user interfaces** with a strong emphasis on **cross-browser compatibility**, ensuring seamless performance across various devices.

Base Structure Admin Panel | React v18, Redux, Typescript, GraphQl.

- Creating Admin panel using **reusable components**,**code optimization** and **sonarqube**.
- Designed visually appealing, responsive UIs using **CSS frameworks** like **Tailwind CSS**, ensuring consistency and usability.
- **HTML** and **API integration** like My account,Settings,Sub admin,Banner,Announcements,User management,Roles and Permissions, and Plan management modules.

EDUCATION

Master of computer Applications (MCA) ,Nagarjuna University   *12/2020 - 06/2022*