

TATA NAVEEN

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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. Led 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.

EXPERIENCE

Frontend Engineer

Kofuku Idea Labs

02/2023 - Present

Hyderabad, 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 (RTK), 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.
- Experienced in **Agile Scrum methodologies** and **Test-Driven Development (TDD)**, ensuring efficient and high-quality software delivery.
- Optimized frontend performance and build processes using **Webpack and Parcel** for **efficient bundling, code splitting, and asset management**.
- Utilized **Chrome Developer Tools** for **debugging, profiling, and performance optimization**, achieving a **15% improvement** in accessibility and load times using **Lighthouse**.
- **Unerth - A Search Tool:**
 - Integrated **Google Drive, OneDrive, Microsoft Teams, Outlook, and Gmail APIs** with **OAuth authentication**, ensuring secure and seamless service connectivity.
 - Implemented **RESTful API integrations** using **Axios/Fetch**, leveraging **RTK Query** for efficient **asynchronous state management**, data fetching, and caching to optimize client-server interactions.
 - Built **complex UIs with React Flow**, incorporating **drag-and-drop** and **zoom** features for dynamic and interactive workflows.
 - Developed a **chat feature** with support for rendering dynamic charts using **ECharts and Chart.js**, enhancing user engagement by **20%**.
 - Created a **dashboard feature** to **process Excel files and generate charts, KPIs, and insights**, reducing manual data processing time by **30%**.
- **PCM - A Police Case Management System:**
 - Developed **responsive user interfaces** with a strong emphasis on **cross-browser compatibility**, ensuring seamless performance across various devices.
 - Implemented complex UI patterns such as **drag-and-drop, pagination, infinite scrolling, and dynamic forms**, enhancing user experience with intuitive design solutions.
 - Designed visually appealing, responsive UIs using **CSS frameworks** like **Material UI, Mantine, Bootstrap, and Tailwind CSS**, ensuring consistency and usability.
 - Optimized frontend performance through **lazy loading, code splitting, and efficient asset management**, improving load times and reducing resource consumption.
 - Ensured secure handling of sensitive case data by implementing **role-based access control (RBAC)** and **authentication measures**, enhancing application security.

- **OmniKhoj - Tool for Querying Data and Logging Complaints:**

- 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**.
- Built a **comprehensive template builder** for forms, allowing users to **customize element behaviors** and define **dynamic rules**, improving flexibility and usability.
- 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 a reusable **dynamic forms library** using **ShadCN UI components**, reducing form development time by **20%**.

- **Contractor Management System (Personal Project for a Client)**

- Designed, developed, and deployed a full-stack **contractor management system** using **Next.js** for the web app and **React Native (Expo)** for the mobile app, ensuring a seamless cross-platform experience.
- Implemented a **real-time activity monitoring** system using **Supabase** to track contractor actions, improving operational visibility.
- Developed a **QR-code-based authentication and verification system**, enabling secure check-ins and access control.
- Utilized **Supabase** for backend services, real-time updates, and authentication, reducing development time by **25%**.
- Implemented **offline access to critical documents** in the mobile app, ensuring contractors could work without an active internet connection.
- Designed a **role-based access control (RBAC)** system, securing sensitive data and ensuring appropriate permission levels for different users.
- Deployed the application with **automated CI/CD pipelines**, ensuring smooth releases and minimizing downtime.

SKILLS

Frontend

React, React Native, Next.js, JavaScript, TypeScript, HTML5, CSS, Tailwind CSS, Material UI, Mantine, SCSS, Redux, RTK, RTK Query, React Query, React Flow, Animate.js

Backend & Databases

Supabase, Firebase, Node.js, MongoDB, PostgreSQL, REST APIs

Libraries & Data Visualization

ECharts, Chart.js, Recharts

Tools

Git, VS Code, Cursor IDE, Jest, Unit Testing, Parcel, Webpack, Lighthouse, Webflow, IndexedDB

EDUCATION

Masters in Development, Azim Premji University

2019 - 2021