

TATA NAVEEN

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SUMMARY

Front-end Engineer with 3.7+ 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%**.

Consultant

DigitalLync

01/2022 - 01/2023

Hyderabad, INDIA

- Worked on two client projects (**KonaLMS** and **AbsoluteLawFirm**), delivering responsive web solutions using **HTML, CSS, and JavaScript**.
- Enhanced application performance and UI responsiveness, achieving up to **20% faster load times** through optimized DOM rendering and asset management.
- Collaborated with cross-functional teams to gather requirements, implement features, and ensure client satisfaction.

- **KonaLMS - A Learning Management System:**

- Designed and developed core **LMS modules**, including **course management, user onboarding, and progress tracking**.
- Improved user engagement by **15%** through responsive UI design and mobile-friendly layouts.
- Optimized client-side performance with **efficient DOM manipulation** and **CSS animations**, reducing page rendering time by **10%**.

- **AbsoluteLawFirm - Legal Case Management Platform:**

- Built and maintained **case tracking, client management, and document upload** features tailored for legal workflows.
- Ensured data integrity and usability by implementing **form validations, error handling, and cross-browser compatibility**.
- Enhanced site performance and navigation speed, resulting in a **25% improvement** in overall client satisfaction metrics.

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