

TATA NAVEEN

Frontend Engineer | React • Next.js • TypeScript | Open to Remote

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SUMMARY

Frontend Engineer with 3.8+ years building production web applications with **React, Next.js, and TypeScript**. Specialized in **state management** (Redux Toolkit, Zustand, TanStack Query), **API integrations**, and **performance optimization**. Delivered 30% performance improvements through modern bundling strategies and SSR. Proven ability to lead projects end-to-end while maintaining high code quality and user experience.

EXPERIENCE

Frontend Engineer

Kofuku Idea Labs

02/2023 - Present

Hyderabad, INDIA

- Improved application performance by **30%** by leading development of **scalable web applications** using **React and Next.js**, implementing **lazy loading, code splitting, and optimized bundling** strategies.
- Reduced data over-fetching and optimized client-server communication through **RESTful API** integrations with exposure to **GraphQL endpoints**, leveraging efficient querying patterns.
- Ensured **scalability and high uptime** for production applications by deploying and managing frontend infrastructure using **AWS services (S3, Lambda, API Gateway)**.
- Built maintainable and scalable frontend codebases across multiple projects by applying **design patterns** (Container-Presenter, Observer) and **clean architecture principles**.
- Specialized in **Next.js latest versions** with expertise in **server-side rendering (SSR)**, **App Router with nested routing**, and **authentication** using **NextAuth.js** for seamless session management across platforms.
- Implemented real-time features and secure authentication using **Supabase/PostgreSQL**, managing structured data storage and real-time updates for responsive user experiences.
- Improved development velocity and code consistency by leveraging **GitHub Copilot and AI-assisted coding tools** while maintaining high coding standards.
- **Unerth - A Search Tool:**
 - Reduced manual data processing time by **30%** by creating a **dashboard feature** that processes **Excel files** and generates real-time **charts, KPIs, and insights**, eliminating repetitive manual analysis tasks.
 - Enhanced user engagement by **20%** through development of an interactive **chat feature** with dynamic chart rendering capabilities using **ECharts and Chart.js**, enabling data-driven conversations.
 - Enabled secure enterprise data access across **5+ platforms** (Google Drive, OneDrive, Microsoft Teams, Outlook, Gmail) by integrating their **APIs with OAuth authentication**, ensuring seamless and secure service connectivity.
 - Optimized client-server interactions and reduced API response handling complexity by implementing **RESTful API integrations** using **Axios/Fetch** with **RTK Query** for efficient **asynchronous state management, data fetching, and caching**.
 - Built intuitive workflow visualization using **React Flow** with **drag-and-drop** and **zoom capabilities**, creating complex interactive UIs for dynamic data relationships and search result exploration.
- **PCM - A Police Case Management System:**
 - Enhanced application security for sensitive case data by implementing **role-based access control (RBAC)** and **authentication measures**, managing access permissions across **multiple user roles** (officers, supervisors, administrators).
 - Improved user task completion efficiency by **25%** through implementation of complex UI patterns including **drag-and-drop, infinite scrolling, pagination, and dynamic forms**, creating intuitive workflows for case management operations.
 - Ensured seamless performance across **desktop, tablet, and mobile devices** by developing **responsive user interfaces** with strong **cross-browser compatibility** (Chrome, Firefox, Safari, Edge), supporting officers in the field.

- Maintained design consistency and accelerated development across **50+ screens** using **CSS frameworks** (**Material UI, Mantine, Tailwind CSS**), creating a cohesive visual language throughout the application.
- **OmniKhoj - Tool for Querying Data and Logging Complaints:**
 - Reduced form development time by **20%** across the application by building a reusable **dynamic forms library** using **ShadCN UI components**, enabling rapid deployment of complaint logging and data query forms.
 - Improved flexibility and usability for administrators by building a **comprehensive template builder** that allows **customization of form element behaviors** and **definition of dynamic rules**, eliminating need for developer intervention in form changes.
 - Enabled secure, role-based complaint management by implementing **dynamic forms** with **multi-level validations** and **section-based permissions**, where forms could be **updated, edited, submitted, or saved** based on logged-in user roles (citizen, officer, administrator).
 - Optimized data query performance and user experience by designing a **custom table component** following **clean architecture principles**, efficiently rendering large datasets with **filtering, sorting, searching, and pagination** capabilities.

Consultant

DigitalLync

01/2022 - 01/2023

Hyderabad, INDIA

- Delivered responsive web solutions for **2 client projects** (**KonaLMS** and **AbsoluteLawFirm**), achieving up to **20% faster load times** through optimized DOM rendering and asset management using **HTML, CSS, and JavaScript**.
- Collaborated with cross-functional teams to gather requirements, implement features, and ensure client satisfaction across education and legal industry verticals.
- **KonaLMS - A Learning Management System:**
 - Improved user engagement by **15%** through responsive UI design and mobile-friendly layouts, enabling seamless learning experiences across devices.
 - Reduced page rendering time by **10%** by optimizing client-side performance with **efficient DOM manipulation** and **CSS animations**, improving overall user experience.
 - Designed and developed core **LMS modules** including **course management, user onboarding, and progress tracking**, supporting the complete student learning lifecycle.
- **AbsoluteLawFirm - Legal Case Management Platform:**
 - Achieved **25% improvement** in overall client satisfaction metrics by enhancing site performance and navigation speed, streamlining legal workflow efficiency.
 - Ensured data integrity and reliability by implementing comprehensive **form validations, error handling, and cross-browser compatibility** across all legal document workflows.
 - Built and maintained critical features including **case tracking, client management, and document upload** capabilities tailored for legal practice operations.

SKILLS

Languages & Core:	JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS
UI & Styling:	Tailwind CSS, Material UI, Mantine, ShadCN UI, Bootstrap, Animate.js
Backend & APIs:	Node.js, Express, REST APIs, Supabase, Firebase
Databases:	MongoDB, PostgreSQL, IndexedDB
Data Visualization:	ECharts, Chart.js, Recharts
Tools & Testing:	Git, VS Code, Cursor IDE, Webpack, Parcel, Jest, Lighthouse, Chrome DevTools
Methodologies:	Agile/Scrum, TDD, Clean Architecture
Frameworks & Libraries:	React, Next.js (App Router, SSR), Redux Toolkit, RTK Query, TanStack Query (React Query), Zustand, React Flow

EDUCATION

Masters in Development, Azim Premji University

2019 - 2021