SURAJ KATYAYAN

FRONTEND DEVELOPER

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SUMMARY

Frontend developer with hands-on expertise in React, Next.js, and TypeScript, building fast, scalable, and real-time web apps with a focus on perfomance and real time experiences.

PROFESSIONAL EXPERIENCE

Attentions AI   APR 2024 - Present

- Developed a full-featured voice assistant with real-time translation, transcription, and voice chat using WebSockets.
- Built a Training Studio for artiGen, enabling users to train AI models, tweak parameters, and perform real-time inferencing.
- Created a Docu Assistant for advanced document analysis with dynamic PDF highlighting of source content backing model responses.
- Revamped older versions of the app from React to Next.js, improving performance and scalability.
- Implemented server-side rendering (SSR), static site generation (SSG), and automatic code-splitting, reducing load times and enhancing user experience.
- Leveraged WebSockets and Server-Sent Events (SSE) to enable real-time updates.
- Connected Next.js route handlers to Redis Pub/Sub, ensuring seamless data flow and updates.
- Built SimplyMili, a cost-optimized, role-based workspace experience management AI buddy with minimal API calls.
- Wrote complex Next.js middleware and routing hooks to enforce role-based authorization and secure page access in SimplyMili.

Kalarric Lifestyle   MAY 2022 - DEC 2024

- Built and maitained the Kalarric Lifestyle e-commerce web app using React and NextJs.
- Built an admin dashboard to oversee orders, manage inventory and critical info.

Verb Studio (aquired by KAFQA)   JAN 2022 - MAR 2022

- Built reusable code structures and libraries for scaling.

PROJECTS (more at www.itssuraj.com/projects)

Komyuniti   www.itssuraj.com/app/komyuniti

A community focused social media app built on Next.js, allowing users to create communities, post text, image and polls, follow friends and create profiles.
Tech Stack - React, Next.js, MongoDB, TypeScript

Screenverse   www.itssuraj.com/app/screenverse

An online movies encyclopedia, showing detailed information on movies & tv shows. Allows users to build their own watchlist and recommendations.
Tech Stack - React, Next.js, GraphQL, TypeScript

SKILLS

Next.js | React | Redux | Zustand | React Testing Library | Jest | JavaScript | TypeScript | Python | Zod | Framer Motion | Styled Components | Fast API | Node.js | Express | MongoDB | Docker

EDUCATION

Masters of Computer Applications, Vellore Institute of Technology, Vellore   **CGPA 8.64**