

Mangesh Kumar

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Technical Skills

Languages: TypeScript, JavaScript, C++, Go, SQL

Frontend: React.js, React Native, Next.js, HTML5, CSS3, Tailwind CSS, Shadcn/ui, Redux Toolkit, Zustand, Context API

Backend: Node.js, Express.js, GraphQL, REST, tRPC, WebSocket

Mobile: React Native (iOS/Android), Native Modules, Deep Linking, Push Notifications

DevOps & Tools: Git, Vercel, Expo, EAS, Metro, Fastlane

Experience

StayNow

April 2025 – Present

Senior Frontend Engineer

Texas, USA (Remote)

- Spearheading the development of **end-to-end product features** in a high-velocity, **cross-functional team** environment.
- Identified and resolved major **performance bottlenecks** by optimizing re-renders, reducing **JS thread workload**, and offloading animations to the **UI thread**.
- Collaborating closely with product and design teams to build **responsive, accessible interfaces** with consistent UX across platforms.
- Ensuring code quality and maintainability through **modular architecture, scalable design patterns**, and in-depth **code reviews**.
- **Technologies:** React Native, Next.js, TypeScript, Redux Toolkit, GraphQL, Expo, EAS

Fountane Makerspace

June 2024 – April 2025

Software Engineer II

Hyderabad, India (Remote)

- Led the development of **StayNow's mobile application** using **React Native**, delivering a cohesive experience on both **iOS and Android**.
- Enhanced app performance and state consistency using **Redux Toolkit** and **normalized caching strategies**.
- Integrated **secure payment gateways**, user onboarding flows, and **metadata management** for SEO-friendly, secure operations.
- Implemented **SSR (Server-Side Rendering)** and dynamic routing using **Next.js** to boost load speeds and improve discoverability.
- Built **reusable UI libraries** using **shadcn/ui** and maintained **design consistency** across web and mobile platforms.
- **Technologies:** React Native, Redux Toolkit, GraphQL, Next.js, Shadcn/ui, Firebase, Expo

Fountane Makerspace

Mar 2023 – May 2024

Software Engineer I

Hyderabad, India (Remote)

- Developed an **interactive landing page** for the internal **3D design division**, improving engagement and client onboarding.
- Built a **React Native-based hotel booking platform** focused on disintermediation, empowering direct hotel-client relationships.
- Integrated **GraphQL APIs** to simplify client-server data interaction, reducing latency and improving reliability.
- **Technologies:** React Native, Next.js, GraphQL, TypeScript, Node.js

BYJU'S

June 2022 – Feb 2023

Software Engineer I

Bengaluru, India (Remote)

- Built dynamic **React/Redux UI modules** for BYJU'S Tuition Centers, enhancing **real-time student-teacher engagement**.
- Automated repetitive deployment and content publishing workflows, **increasing release velocity**.
- Designed and implemented a custom **recording solution POC, reducing infrastructure costs by 75%**.
- **Technologies:** React.js, Redux, Node.js, JavaScript, Shell Scripting

Epsilon

Jan 2022 – June 2022

Software Engineer Intern

Bengaluru, India (Remote)

- Delivered **pixel-accurate UIs** conforming to brand style guides for multiple **enterprise campaigns**.
- Crafted **responsive and accessible components** using modern **SCSS, Flexbox, and CSS Grid**.
- **Technologies:** HTML5, CSS3, SCSS, JavaScript, Figma, React

Projects

Real-Time Chat Application | *React.js, Node.js, Express, Socket IO, Redux.*

- Developed a real-time chat application with extremely low latency for smooth communication.
- Leveraged React.js, Node.js, Express, Socket.IO, and Redux to build a responsive, scalable messaging system.
- Ensured seamless two-way communication, providing an efficient user experience in real-time interactions.

Achievements

Developed Modular Design System for Hotel Booking Platform

- Created a customizable, modular design system that ensured UI design consistency across the hotel booking platform. The system streamlined onboarding for new team members, allowing them to integrate seamlessly without compromising design integrity.

Education

BMS Institute of technology

Bachelor of Engineering in Electrical and Electronics (GPA: 8.2 / 10.0)

Aug 2018 - Jun 2022

Bengaluru, India

- **Relevant Coursework:** Data Structures and Algorithms (C++), Intro to CS (C++)