

KUNAAL MANGAL

SENIOR FRONTEND ENGINEER | REACT NATIVE | REACT | TYPESCRIPT

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CAREER SUMMARY

Senior Frontend Engineer with 6 years of experience building scalable web and mobile applications using React.js, React Native, JavaScript, and TypeScript. Experienced in developing production-grade applications for 100K+ users with focus on performance optimization, scalable frontend architecture, reusable component systems, and cross-platform development. Skilled in React Native New Architecture, Micro Frontend Architecture, CI/CD workflows, testing practices, and end-to-end mobile application delivery across Agile/Scrum and SDLC environments.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, React.js, React Native, Next.js

State Management: Redux Toolkit, Context API, Zustand

UI & Styling: Tailwind CSS, Material UI, Styled Components, Bootstrap, Shadcn/ui

Architecture & Engineering: Component-Based Architecture, Modular Architecture, Micro Frontend Architecture, Design Systems, Clean Code Principles, Responsive & Accessible UI Development, Agile/Scrum, SDLC

Testing & Quality: Jest, Playwright, Detox, Storybook, TDD Exposure, Unit Testing, End-to-End Testing

DevOps & Deployment: GitHub Actions, CI/CD Pipelines, Dependabot, Android/iOS Build Automation, Mobile App Deployment

Libraries & Integrations: REST APIs, Firebase, WebSocket, Google Maps, Stripe, React Navigation, React Router, React-PDF, Deep Linking, In-App Purchases, Social Authentication, Sentry, Google Analytics

Tools & Platforms: Git, GitHub, Bitbucket, Jira, Postman, VS Code, Android Studio, Xcode

Mobile Development: React Native New Architecture (Fabric & Turbo Modules), Native Module Integration, Cross-Platform Mobile Development, Android App Deployment, iOS App Deployment, Native Android Development (Java)

WORK EXPERIENCE

Software Developer | Konstant Info Solutions Pvt. Ltd.

August 2023 – January 2026

- Led development of scalable web and mobile applications supporting 100K+ users, improving performance by 40% and user retention by 30%.
- Upgraded React Native applications from version 0.73 to 0.81 with React Native New Architecture (Fabric & Turbo Modules).
- Refactored legacy applications by removing deprecated modules, optimizing dependencies, and migrating class components into functional architecture.
- Implemented reusable component systems, modular frontend architecture, and scalable UI patterns.
- Worked across the complete SDLC including requirement analysis, development, testing, deployment, monitoring, and maintenance.
- Maintained CI/CD workflows using GitHub Actions for frontend deployment and mobile build automation.
- Contributed to testing and quality assurance using Jest, Playwright, Detox, and Storybook.
- Assisted in Android/iOS deployment workflows including build generation, signing, release management, and store publishing.
- Collaborated with cross-functional teams in Agile/Scrum environments and mentored junior developers.
- Worked on React Native native module integrations and platform-specific mobile implementations.

React Native Developer | Emizen Tech Pvt. Ltd.

February 2022 – June 2023

- Developed and maintained cross-platform mobile applications focused on real-time features and scalable state management using React Native.
- Integrated REST APIs, Firebase, Google Maps, payment gateways, and social authentication services.
- Built reusable UI components and maintainable frontend structures using modular development practices.
- Participated in Agile-based SDLC workflows including sprint planning, development, testing, deployment, and production support.
- Improved application stability and maintainability through performance optimization and code refactoring.
- Contributed to mobile build generation and deployment workflows for Android and iOS platforms.

Software Developer | Self Employed (Freelancer)

August 2020 – September 2021

- Developed responsive web and cross-platform mobile applications using React.js, React Native, JavaScript, and TypeScript.
- Built reusable frontend components, responsive layouts, and scalable UI systems based on client requirements.
- Developed React Native mobile application features including navigation flows, API integrations, authentication systems, and dynamic user interfaces.
- Worked directly with clients to gather requirements, define technical specifications, and manage end-to-end project delivery.
- Followed component-based architecture and modular development practices across the complete SDLC process.

Software Developer | Amazing IT

September 2019 – July 2020

- Developed scalable frontend applications using React.js and JavaScript with backend API integration.
- Built responsive web interfaces and reusable UI components to improve maintainability and user experience.
- Gained exposure to mobile application development using Native Android (Java), including UI implementation and API integration workflows.
- Assisted in mobile application debugging, testing, and feature implementation for Android platforms.
- Contributed across development, testing, deployment, and maintenance phases of the Software Development Life Cycle.

KEY PROJECTS

NASM EDGE | <https://www.nasm.org/>

NASM (National Academy of Sports Medicine) is a global fitness and wellness education platform serving professionals across 100+ countries.

- Developed and maintained Trainer Panel and internal widgets using ReactJS, Redux, Material UI, and Tailwind CSS.
- Built scalable and reusable UI systems following component-driven architecture principles.
- Contributed to cross-platform mobile app development using React Native, Redux Toolkit, and Firebase.
- Integrated monitoring and analytics tools including Google Analytics and Sentry.
- Implemented testing workflows using Jest, Storybook, and Detox for UI quality and reliability.
- Participated in scalable frontend architecture improvements and performance optimization initiatives.

Tech: ReactJS, Redux, React Native, Firebase, Tailwind CSS, Material UI

Android App: <https://play.google.com/store/apps/details?id=com.nasm.edge>

iOS App: <https://apps.apple.com/us/app/nasm-edge-personal-trainers/id1353245169>

Talent Nova | <https://talentnova.com/>

Talent Nova is an AI-powered career platform designed for justice-impacted job seekers.

- Developed responsive web interfaces using ReactJS and Tailwind CSS.
- Implemented resume builder workflows, PDF rendering, and routing systems.
- Followed modular frontend architecture and reusable component development practices.
- Improved maintainability through scalable frontend structures and responsive UI systems.

Tech: ReactJS, React Router, Tailwind CSS, Styled Components

AFuse | <https://afuse.app/>

AFuse is a social networking platform connecting students and colleges.

- Developed cross-platform mobile application features for networking and roommate discovery.
- Implemented real-time features using Firebase and Redux Toolkit.
- Integrated social authentication and in-app purchase functionality.
- Improved scalability through modular state management and reusable component architecture.

Tech: React Native, Redux Toolkit, Firebase

Android App: <https://play.google.com/store/apps/details?id=com.afuse>

iOS App: <https://apps.apple.com/in/app/afuse-your-college-circle/id6475763907>

WatchParty | <https://www.watch-party.app/>

Watch Party is a multimedia entertainment platform for live streaming and audience engagement.

- Built a real-time social streaming application using React Native.
- Integrated Stripe payment gateway, Firebase services, and multi-provider authentication systems.
- Developed interactive features supporting live audience engagement and content sharing.
- Contributed to scalable mobile frontend architecture and reusable feature development.

Tech: React Native, Redux Toolkit, Firebase

Android App: <https://play.google.com/store/apps/details?id=com.veereo>

iOS App: <https://apps.apple.com/us/app/watch-party-app/id6478593920>

EDUCATION

Bachelor of Computer Applications (BCA) | 60.50%

Appex Institute of Management & Science, Jaipur, Rajasthan | 2016 – 2020

ACHIEVEMENTS & COMMUNITY CONTRIBUTIONS

XROS Fellowship 2023

Selected as a Leading Developer in the Meta-supported XROS Fellowship 2023 from 10,000+ applicants, contributing to collaborative XR-focused development initiatives and community-driven engineering programs.