Mahavirsinh Chauhan

Bangalore, India

📞 +91 9687264433 ✉ mahavirsinhchauhan29@gmail.com ⓞ github.com/mahavirbha 🔗 linkedin.com/in/mahavirbha

Summary

Senior Software Engineer with 3.5+ years of experience building scalable web and mobile platforms using React, Next.js, and React Native (Expo). Strong background in component-driven architecture, design systems, and performance optimization for production-grade applications. Proven ownership of reusable UI libraries, widget-driven runtimes, and internal tooling with modern frontend and backend integrations. Experienced in mentoring junior engineers and collaborating closely with product and design teams to deliver high-quality, maintainable systems.

Technical Skills

Languages: JavaScript (Primary), Java, Python
Frameworks: React, Next.js (SSR/CSR/ISR), React Native, Expo
State Management: Redux, Context API, React Query
UI & Design Systems: Material-UI, shadcn/ui, Tailwind CSS, Styled Components, Accessibility (a11y)
Web & Platform: REST, GraphQL, WebSockets, Vite, Webpack, Databases (Postgres, Firestore)
Tools: Git, npm/yarn/pnpm, CI/CD (GitHub Actions), Chrome DevTools, Postman, Figma, Jira, ClickUp

Experience

Amoga Software   Bangalore, India
Senior Software Engineer (Promoted Oct 2024)   Mar 2022 – Present

– Played a key role in designing and scaling Amoga's core platform architecture, contributing from early-stage launch through production growth with a focus on performance and long-term maintainability.

– Owned and delivered critical platform features including authentication, activity feeds (events, comments, notifications), Growth Scorecard dashboards, and a low-code App Studio powering internal applications.

– **Widget-driven Runtime**: Designed and developed a widget-based runtime where widgets act as core building blocks of applications. Built and maintained complex widgets including data tables, maps, calendars, charts, and configurable UI blocks used across the platform.

– **Design System & Internal Libraries**: Designed and maintained a shared design system, reusable widget library, and internal utility packages (common helper functions) to standardize patterns and reduce duplication across teams.

– Implemented flexible theming and configuration-driven UI patterns enabling brand-level customization across web and mobile experiences.

– **Mobile Engineering**: Built and maintained React Native applications (native + PWA hybrid), implementing deep linking, PWA-to-native interactions, and DOM/native module integrations for seamless cross-platform behavior.

– Led migration from a legacy React Native setup to the latest Expo SDK and Expo Router, integrating Google Maps, push notifications, and modern navigation flows.

– Optimized frontend performance using memoization, lazy loading, and component-level rendering improvements in high-usage views.

– **Search & Data**: Integrated Algolia, Fuse.js, and GraphQL-based querying to improve search performance, filtering, and large dataset handling across applications.

– **Collaboration & Mentorship**: Worked closely with product managers and design teams to shape UX and frontend architecture, and actively mentored junior engineers through code reviews, architectural guidance, and day-to-day technical support.

Projects

At A Glance (Expo / React Native) ⓞ

– Independently developed a React Native application leveraging Google Places API and sentiment analysis to deliver real-time business insights. Implemented Firebase Authentication, Firestore, and location-based discovery with AI-powered review analysis.

Additional Projects

– Friendlily — Movies Recommendation Engine — RN Expense Tracker — RN Meals App

Education

Gujarat Technological University   Aug 2017 – Jul 2021
Bachelor of Engineering in Information Technology   CGPA: 8.32