

Dhaval Panchal

Senior Frontend Engineer · React · React Native · Next.js · TypeScript

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Senior Frontend Engineer with 5+ years of experience building scalable web and mobile applications across staffing, fintech, e-commerce, education, and 3D visualization domains. Proven track record of delivering production-ready products, improving operational efficiency through automation, and developing solutions serving thousands of active users.

Technical Skills

- **Languages:** TypeScript, JavaScript (ES6+), Dart, HTML5, CSS3
- **Frontend:** React, React Native, Next.js, Expo, Redux, Redux Toolkit, React Query, Flutter
- **Styling/UI:** Tailwind CSS, Styled-Components, Responsive Design, Accessibility (WCAG/ARIA)
- **APIs/Data:** REST, GraphQL, WebSockets, Firebase, Axios
- **CI/CD & Tools:** React Testing Library, Detox, GitHub Actions, Codemagic, Git, GitHub, AppsFlyer, Zendesk, Retool

Experience

Zimbs Technology LLP

Oct 2023 – Present

Senior Software Engineer | React Native, Next.js, Flutter, TypeScript, Spring Boot

Ahmedabad, India

- **CROUX – Hospitality Staffing Platform:** Architected React Native and Next.js applications serving 31K+ active hospitality workers, delivering NFC attendance, offline-first clock-in/out, real-time location tracking, timesheets, and in-app messaging.
- Lifted attendance success and accuracy from 60% to 97% by rebuilding the offline-first clock-in/out and NFC attendance flow, and built the talent-facing UI for an AI MatchMaker engine that helped raise shift fill rates to 90%+.
- Established the automated release pipeline (Codemagic CI/CD) and integrated Firebase, CleverTap, AppsFlyer, Zendesk, and Retool for analytics, deep linking, support, and admin operations, including AppsFlyer attribution that surfaced onboarding-funnel drop-off points and informed onboarding improvements.
- **CQ Nexus – Exam Management Platform:** Built dynamic question-bank workflows (multiple-select, single-select, image-based, descriptive) with role-based approvals for paper writing and review.
- Designed dynamic multi-format export and paper-generation templates with a secure delivery-tracking module (lock/password box security) for exam-paper logistics to exam centers.

HK Infosoft

May 2021 – Oct 2023

Software Engineer | React, Next.js, React Native, Flutter, Web3

Ahmedabad, India

- **Sneaker Exit – E-commerce Mobile App:** Built React Native product listing, cart, and checkout flows with reusable UI components, consuming REST APIs for a sneaker marketplace.
- **imagine.io – 3D Visualization Platform:** Built real-time React and Unity WebGL product customization with live previews and React–Unity state sync; applied lazy loading and code splitting to cut initial load time by 65%.
- Designed bidirectional communication between React and Unity WebGL using event-driven messaging, enabling seamless synchronization of product configurations and user interactions.

Projects

Pi Money | Flutter, Fintech, Secure APIs, Android, iOS

- Built Flutter modules for a cross-platform fintech app spanning digital banking, investments, fixed deposits, loans, and virtual assets, integrating secure APIs for financial transactions and real-time investment operations.
- Optimized Android and iOS performance, reducing app startup time and frame drops for a smoother, more reliable mobile experience.

Schöni eTAX | React Native, Secure Document Workflows, iOS, Android

- Built and shipped a secure React Native app letting Swiss taxpayers digitize, organize, categorize, and submit tax documents through a fully paperless workflow, with on-device document scanning and management modules.
- Implemented encrypted document transmission and secure authentication for financial-grade data handling, delivering and maintaining production iOS and Android apps for tax advisory services: [Play Store](#) | [App Store](#).

Education

Gandhinagar Institute of Technology

Gandhinagar, India

B.Tech in Information Technology