KANAV KHERA

+91 9817475586 | knvkhera30@gmail.com | LinkedIn

PROFESSIONAL SUMMARY

React Native Full-Stack Engineer with 4+ years building cross-platform iOS and Android apps with React Native and Redux Toolkit, currently owning a field-sales app used by 5,000+ users. Builds backend services with Node.js, Express, and MongoDB. Strong in end-to-end feature ownership, offline support, performance optimization on low-end Android devices, reusable component libraries, and Play Store releases, with experience leading code reviews and mentoring engineers.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), C++
Mobile/Frontend: React Native (Expo, New Architecture), React.js, Redux Toolkit
Backend: Node.js, Express, MongoDB, REST APIs, JWT Auth, Firebase Auth
Tools & DevOps: Git, GitHub, App Center, Xcode, Android Studio, Docker, Google Play Console
AI-Assisted Development: Claude Code, Google Stich

PROFESSIONAL EXPERIENCE

Dealermatix Technologies Jul 2024 – Present
Software Developer

- Built and shipped cross-platform React Native apps for iOS and Android used by 5,000+ field sales users, covering dealer management, CRM, and orders; owned features from design through release.
- Worked on app architecture – Redux Toolkit state management, React Navigation, offline support, and modular code structure – and adopted the React Native New Architecture.
- Built reusable component libraries and shared modules used across multiple apps, speeding up new feature development.
- Improved performance on low-end Android devices – startup time, FlatList scrolling, bundle size, and crash rates – using lazy loading, memoization (React.memo, useMemo, useCallback), and optimized Redux state.
- Integrated REST APIs for inventory, CRM, and orders; integrated native modules and fixed iOS/Android native build issues.
- Owned App Center CI/CD and Play Store releases; led code reviews and mentored 4 engineers on React Native and AI tools.

Tata Technologies Jun 2022 – Jul 2024
Solutions Developer – React.js & React Native

- Delivered React.js and React Native apps for internal admin and operations platforms, from design to deployment.
- Built reusable components for a shared design system used across multiple modules.
- Improved rendering for screens with 10,000+ records using pagination, filtering, and optimized API calls.
- Worked with product, design, and backend teams and led UAT to find and fix production and pre-release bugs.

PROJECTS

ParkAssist – QR-Based Smart Parking | *React Native, Node.js, MongoDB, Firebase Auth, Cloudinary, LLM API* Demo

- Built a full-stack app that resolves parking blockades via vehicle QR codes; owned the requirements, system design (app, API, database), and UI design for mobile and web.
- Built Node.js REST APIs with MongoDB, Firebase Auth login, Cloudinary photo uploads, and API rate limiting.
- Built geolocation end to end, from device permission and GPS to backend APIs that use coordinates for parking checks.
- Integrated RTO APIs to fetch vehicle RC details and challan data, and built a dashboard showing QR scan counts and usage.
- Added an AI Regulation Consultant (LLM API) that checks parking scenarios against the Motor Vehicles Act.

MediCart – Pharmacy E-Commerce | *React Native (Expo), React.js, Node.js, Express, MongoDB, Redux Toolkit, JWT*

- Built a pharmacy & veterinary e-commerce platform in 3 parts – a React Native (Expo) app, a React admin dashboard, and a Node.js/Express + MongoDB backend; owned the requirements and system design.
- Led the UI design for both mobile and web, with separate pharmacy and vet storefronts and a consistent look across platforms.
- Built the prescription flow (upload → claim → quote → order → track) and covered it with 81 Jest backend tests.
- Implemented JWT-based login for the app and dashboard, and added API rate limiting, including on backend Google Maps calls.
- Built geolocation end to end – a reusable hook for permission and GPS, address lookup through a backend Google Maps API, and caching in secure storage.

EDUCATION

Chandigarh Group of Colleges, Mohali 2022
B.Tech in Computer Science *CGPA: 7.5/10*