

SHRIRAM SINGH

Senior React Native Developer

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PROFESSIONAL SUMMARY

Senior React Native Developer with 5+ years of experience building and shipping production-ready Android and iOS applications using React Native and TypeScript. Proven track record across IoT smart hardware, on-demand services, social networking, real-time multimedia, and restaurant operations. Skilled in React Native, TypeScript, Redux Toolkit, Context API, REST APIs, WebSockets, Firebase, payment gateways, push notifications, native integrations, and performance optimization. Experienced working directly with clients and cross-functional teams, owning products from requirements through App Store and Google Play deployment.

CORE COMPETENCIES

- **Frameworks & Languages:** React Native, Expo, TypeScript, JavaScript, Android & iOS Configuration
- **State Management & Architecture:** Redux Toolkit, Redux Saga, Context API, Zustand, Clean Architecture
- **Networking & Cloud:** REST APIs, WebSockets, Firebase Cloud Messaging (FCM), Push Notifications, Deep Linking
- **Payments & Monetization:** Razorpay, Stripe, Plaid SDK, Apple In-App Purchases (IAP), Google AdMob
- **Media, Audio & RTC:** Agora RTC (HD Video/Audio), TrackPlayer, Background Services, CometChat
- **Hardware & Native Integrations:** Bluetooth Low Energy (BLE), Camera & Barcode Scanner, Google Maps
- **Tooling & DevOps:** Fastlane, EAS (Expo Application Services), Git, GitHub

PROFESSIONAL EXPERIENCE

React Native Consultant (Freelance)

Mar 2024 – Present

- Deliver production-ready web and mobile applications for direct clients across restaurant, coaching, and utility domains.
- Own end-to-end product lifecycles: requirement gathering, architectural planning, full-stack development, and store deployment.
- Resolve critical production issues including notification delivery, deep-link routing, and platform-specific performance bottlenecks.
- Implement reusable component architectures, caching pipelines, and responsive cross-platform layouts.

Selected Projects

- **KitchenConnect (Live Demo)** – Multi-tenant restaurant operations platform featuring a real-time Kitchen Display System over WebSockets, atomic inventory deduction, staff payroll, and table-side QR digital ordering built with React Native, Expo, Next.js, MongoDB, and Razorpay; deployed through EAS.
- **CoachConnect (Live Demo)** – Multi-tenant coaching institute management ecosystem featuring one-tap streak attendance tracking, bulk push broadcasts via Expo Server SDK, and batch scheduling built with React Native, Expo, Next.js, and MongoDB; deployed through EAS.

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Feb 2021 – Mar 2024

- Architected, developed, and maintained production cross-platform Android and iOS applications using React Native and TypeScript.
- Integrated complex third-party SDKs including Bluetooth LE, Agora RTC, Plaid, Razorpay, Stripe, CometChat, and Firebase.
- Managed full release lifecycles across Apple App Store and Google Play Console, including certificate signing and review compliance.
- Improved application performance on data-intensive screens through FlatList optimization, pagination, memoization, efficient rendering, and image/asset optimization.
- Collaborated in agile teams with product designers, backend engineers, and QA to ship client milestones on schedule.

Selected Product Experience

- **ParcelSafe** – Smart IoT delivery vault app interfacing with patented physical safes via Bluetooth Low Energy (BLE), featuring courier barcode/QR scanning for package drop-off, live camera delivery verification, and Apple In-App Purchases.
- **Staff Renter** – Dual-sided hospitality shift marketplace connecting workers with venues across Montreal, featuring map-based shift clustering, video introduction recordings, digital e-signatures, and bilingual (EN/FR) localization.
- **BubbleBath (CarWash)** – On-demand vehicle detailing platform with live cleaner arrival GPS tracking, mutual 4-digit OTP job commencement verification, pre/post-wash photo inspection audits, and Razorpay checkout.
- **LoveLense** – Video dating and matchmaking application featuring ultra-low latency 1-on-1 video/voice calling via Agora RTC, real-time chat with voice notes, card-swipe matchmaking, and multi-provider social authentication.
- **RateMyBeats** – Music streaming and social discovery platform featuring a background audio player with queue/shuffle/loop controls, a 3-axis track rating system (Melody, Vocals, Lyrics), artist analytics, and playlist management.
- **Addy** – Social compatibility app featuring in-app camera AI facial scanning, bank and income tier verification via Plaid SDK, biometric health telemetry charts, and real-time messaging.
- **Trivia** – Interactive quiz and survey platform with tier-based rewards, an automated monthly category prize pool with random winner selection, mandatory video ad integration via Google AdMob, and Stripe subscription for ad-free access.

EDUCATION

Master of Computer Applications (MCA) • Chandigarh University 2020

Bachelor of Science (B.Sc.) • S. S. Jain Subodh PG College 2016

CERTIFICATIONS

Oracle Fusion AI Agent Studio Certified Foundations Associate • Oracle Corporation July 2026

Core Java Training • Hewlett Packard Enterprise (HPE) 2018

PHP & MySQL Training • Spoken Tutorial 2019