

KRISHAN LAL

Senior React Native Developer | 4.8+ Years Experience

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PROFESSIONAL SUMMARY

Senior React Native Developer with 4.8+ years of experience architecting and shipping production-grade Android and iOS apps end-to-end. Specialized in real-time systems — WebRTC, LiveKit and Telnyx-powered audio/video calling, live streaming, and WebSocket chat — plus native iOS/Android bridge development for AR and 3D features. Delivered high-performance social platforms, on-device AI chat, and secure multi-gateway payments (Stripe, PayPal, Apple Pay, Paydunya) across 20+ production apps.

TECHNICAL SKILLS

Mobile Development:	React Native, React Native CLI, TypeScript, JavaScript (ES6+), Android Native, iOS Native
State & Architecture:	Redux Toolkit, Redux, Context API, Reusable Components, API-driven Architecture, Clean Architecture
Real-Time & Media:	WebRTC, LiveKit, Telnyx, WebSocket, Socket.IO, Live Streaming, Audio/Video Calling
AI / AR / 3D & Bridging:	SLM Offline AI Chat, AR Try-On, 3D View Models, Native iOS/Android Bridge, Camera-based Features
Payments & Gateways:	Stripe 3D Secure, PayPal, Apple Pay, Paydunya, Pay Stack, In-App Purchases
APIs, Services & Cloud:	REST APIs, Firebase & Firestore, Push Notifications (FCM), Authentication & JWT, Google Maps SDK, Third-party SDKs
Tools & Store Release:	Git & GitHub, Xcode & Android Studio, Flipper Debugger, Fastlane, TestFlight & Google Play Console, Postman

PROFESSIONAL EXPERIENCE

Software Engineer (Mobile Lead) — ToXSL Technologies Pvt. Ltd. Jan 2022 – Present

- Architected and shipped 20+ production-grade Android and iOS applications end-to-end using React Native, TypeScript, and native bridge modules.
- Wired up real-time audio/video calling and live streaming pipelines using WebRTC, LiveKit, and Telnyx.
- Engineered WhatsApp-style real-time messaging with WebSocket/Socket.IO, delivery states (sent, delivered, read), and typing indicators.
- Developed native iOS (Swift) and Android (Kotlin) bridge modules for real-time 3D rendering and camera-based AR Try-On experiences.
- Integrated on-device Small Language Model (SLM) offline AI chat engine that functions 100% without internet connectivity.
- Implemented multi-gateway secure payment systems including Stripe, PayPal, Apple Pay, Paydunya, and Pay Stack.

KEY PRODUCTION PLATFORMS

- **ORB** — Next-generation real-time mobile platform with low-latency WebRTC/LiveKit live streaming, audio/video conferencing, WebSocket messaging, offline on-device SLM AI chat, and native AR Try-On / 3D model visualization.
- **Alpha Padel** — Comprehensive padel tournament ecosystem featuring live match video streaming, interactive bracket trees, referee scoring consoles, club court booking, and instant push notification alerts. | [App Store](#)

ADDITIONAL STORE APPS & DEPLOYMENTS

- **DubiSale** — High-volume UAE marketplace application featuring real-time buyer-seller chat, location-filtered classified listings, instant auction bidding, automated multi-currency conversion, and verified seller badges. | [App Store](#)
- **ABG NextLevel** — Mobile platform for employees to manage jobs, schedules and communication in one place. Features real-time job assignment, status updates, time tracking, document handling, high-accuracy GPS tracking, Google Calendar sync, and digital signature capture. | [App Store](#) | [Play Store](#)
- **Ship Swift** — End-to-end logistics platform consisting of two dedicated mobile apps: a high-efficiency Driver app with turn-by-turn routing and order lifecycle management, and a real-time Customer app with live vehicle telemetry and digital dispatch. | [App Store](#) | [Customer App](#)
- **Baligan** — Multi-role education platform connecting teachers, students and parents. Built communication and media-sharing flows, daily teacher photo/update posts, image/video gallery with native download support, and complete RTL localization. | [App Store](#) | [Play Store](#)
- **مزادي | Mazady** — Lebanese auction and marketplace platform featuring live item bidding, Apple Pay express checkout, location-based address selection, seller verification flows, and full Arabic RTL layout support. | [App Store](#)

EDUCATION

Bachelor of Computer Applications (BCA) — Kurukshetra University, 2021

Diploma in Computer Application — Sewak Computer Training Institute, 2018

LANGUAGES

English, Hindi