

# Pardeep Kumar

Senior React Native Developer · 9+ Years Experience · Dubai, UAE

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## SUMMARY

Results-driven Senior React Native Developer with 9+ years of experience delivering production-grade cross-platform mobile applications for 1M+ users across beauty-tech, healthcare, and social media. Proven track record in performance engineering — crash-free rate from 76% to 99.4%, 71% app size reduction, 4.6x frame rate improvement. Experienced lead managing teams of 4–7 developers with deep expertise in React Native, TypeScript, Kotlin, Swift, WebRTC, and blockchain.

## CORE COMPETENCIES

React Native / TypeScript	CI/CD & DevOps (Fastlane)	Cross-platform Delivery
Performance Optimization	Kotlin & Swift (Native)	E2E Testing (Maestro/Detox)
Engineering Leadership	System & Modular Architecture	Agile / Scrum
WebRTC & Real-time Systems	Blockchain / Web3 (Polygon)	Stakeholder Management

## TECHNICAL SKILLS

<b>Languages</b>	TypeScript, JavaScript (ES6+), Kotlin, Swift, HTML5, CSS3
<b>Mobile</b>	React Native, Kotlin Multiplatform (KMP), Jetpack Compose, SwiftUI
<b>Web</b>	React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS
<b>Architecture</b>	MVVM, Clean Architecture, Modular Architecture, System Design, Design Patterns
<b>Testing</b>	Maestro (E2E), Jest, React Testing Library, Detox
<b>DevOps</b>	Fastlane (CI/CD), GitHub Actions, Firebase, CodePush, Git
<b>Databases</b>	SQLite, Room, Realm, AsyncStorage, MMKV
<b>Specialisms</b>	WebRTC, XMPP, Blockchain/Polygon, Facial Recognition, NFT Platforms

## EXPERIENCE

### Senior Mobile Application Developer

May 2024 – Present

KPTAC Technologies · Dubai, UAE

- Built a **Kotlin-based Android application** on EDC devices enabling seamless integration with POS systems for **real-time payment processing**; currently being evaluated by one of the largest payment processing companies in the **MEA region** for potential merchant network rollout.
- Architected **2050-Anonymous Network** from scratch — cross-platform anonymous social app with React Native, Redux Toolkit, TypeScript; **99.3% crash-free rate**, **2K–3K DAUs** in pre-launch.
- Designed **scalable modular architecture** for rapid feature iteration across iOS and Android.
- Engineered native modules: **real-time camera filters**, video editing, **WebRTC video calling**, **E2E encrypted chat**.
- Led team of **6–7 engineers** — sprint planning, code reviews, mentorship, on-time delivery.
- Built CI/CD pipelines with Fastlane, cutting manual release effort by **70%**.
- Introduced Maestro E2E testing, reducing post-production defects by **40%**.

- Primary technical liaison with product stakeholders, translating requirements into engineering specs.

**Products:** Android · iOS

## Senior Software Engineer

May 2019 – May 2024

EkAnek Networks (Foxy) · Abu Dhabi, UAE

- Improved crash-free rate from **76.3% to 99.4% (23.1% absolute gain)**, directly reducing churn.
- Reduced Android app size from **42MB to 12MB (71%)** through asset optimization, code splitting, ProGuard.
- Resolved re-render bottlenecks, boosting UI frame rate from **12 FPS to 55 FPS (4.6x improvement)**.
- Built **Foxy Live** — real-time video calling with facial recognition, **45–65 influencer onboardings daily**.
- Optimized acquisition funnels, contributing to **34% improvement** in conversion metrics.
- Delivered **12% app load time improvement**, boosting retention and session duration.
- Engineered **NFT marketplace on Polygon blockchain**, eliminating **\$10K/month** third-party spend.
- Built retail tech for physical store launch, enabling **~90 daily orders** from day one.
- Mentored **4 interns to full-time**; led code reviews and releases in Agile/Scrum.

**Products:** iOS · Android · Web

## Lead Android Developer

Apr 2016 – Mar 2019

MediMetry · Haryana, India

- Led telemedicine app UI/UX, reducing bounce rate by **22.6%** through A/B testing.
- Built in-house **WebRTC + XMPP video calling** handling **50+ daily consultations**.
- Designed UI layer and REST API integration for **multi-clinic EMR system**.
- Managed modules, mentored junior engineers, optimized delivery for on-time releases.

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## EDUCATION

**B.Tech, Information Technology** — Punjab Technical University, 2015

**Diploma, Information Technology** — Punjab Technical University, 2009

## KEY ACHIEVEMENTS

### 99.4% Crash-Free Rate

From 76.3% — 23.1% gain

### 4.6x Frame Rate Boost

12 FPS → 55 FPS

### 1M+ Users Served

Foxy platform

### 71% App Size Reduction

42MB → 12MB

### \$120K/Year Saved

Polygon NFT platform

### 40% Fewer Defects

Maestro E2E testing