

AMARESH PATI

Full-Stack Mobile Engineer (React Native + Backend) | 4+ Years Experience

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Summary

4+ years full-stack engineer delivering 15+ production mobile apps (React Native, Flutter) serving 100K+ users. Expert in mobile app architecture, real-time systems, cloud deployment (AWS), and cross-functional team leadership. Proven track record optimizing app performance (99.9% uptime), reducing infrastructure costs by 25%, and mentoring junior developers. Seeking high-impact engineer role driving mobile innovation at scale.

Core Skills

- **Frameworks:** React Native, Flutter, Express.js
- **Programming Languages:** JavaScript, TypeScript, Dart, Java, Kotlin, C/C++, Python
- **Cloud & Infrastructure:** AWS, Azure

Key Product Features Delivered:

- **Authentication** (JWT, OAuth, Google/Facebook/Apple Sign-In)
- **Payments** (Razorpay, Stripe, Paytm, In-App Purchases, In-app browser PG Flows)
- **Realtime Communication** (Socket.io chat, MQTT IoT telemetry streaming)
- **Location & Maps** (GPS tracking, Google Maps markers, geofencing, place autocomplete)
- **Media** (Camera & gallery picker, image compression, cropping, secure file uploads/downloads)
- **Notifications** (FCM, OneSignal, WebEngage with deep linking & in-app route mapping)
- **State & Data Layer** (Redux / React Context, TRPC, REST/GraphQL APIs, TanStack, Zod validation)
- **Local Storage & Offline Support** (MMKV, SQLite, AsyncStorage, caching strategy)
- **Crash & Monitoring** (Sentry, Firebase Crashlytics, global error boundaries)
- **Analytics & User Insight** (Microsoft Clarity heatmaps & session replay)
- **UI & Motion** (React Native Reanimated, Animated API interactive transitions)
- **Backend Services** (Express.js APIs, MySQL/MongoDB query optimization)
- **Cloud & Release Pipeline** (AWS EC2 + ALB + Auto Scaling, Route 53 DNS, CloudWatch, TestFlight, Firebase App Distribution, Play Store / App Store delivery)
- **Multi-Language Support** (react-i18next + dynamic UI personalization)

Experience

NeoSOFT Pvt. Ltd.

Software Engineer | Mumbai, India | Dec 2024 – Present

- **European Athletics App (Sportz Interactive):** Engineered core features from scratch in React Native, delivering real-time live event coverage with **0 noticeable UI lag**, supporting **5,000+** concurrent users.
- **Smylee App:** Upgraded app to latest React Native version (0.81.2) with new architecture. Optimized performance and stability for **8,000+** users across iOS & Android.
- **Coversure App:** Enhanced Motor Insurance purchase workflow for an app with **150,000+ downloads (4.5 rating)**, reduced crash frequency and Lowered crash frequency UI flow clarity.

Cliniohealth Innovation Pvt. Ltd.

Full-Stack Developer | Bhubaneswar, India | Sep 2023 – Nov 2024

- Delivered **4+ mobile apps** and **2 web dashboards**, serving **100K+ users** across healthcare and emergency services.

- **Led product delivery** and owned full technical stack (React Native apps, Express backend, MySQL/MongoDB DB, AWS EC2 + ALB + AutoScaling), ensuring 99.9% uptime.
- Architected ambulance dispatch & tracking system reducing average response delay by **20%**.
- Developed IoT monitoring workflow reducing diagnostic data inconsistencies by **35%**.
- Designed backend services using **Express.js + MySQL/MongoDB**, improving query & API performance by **25%**.

RechargeKit Fintech Pvt. Ltd.

Mobile Application Developer | Bhubaneswar, India | May 2022 – Aug 2023

- Built 8 mobile apps with React Native and Flutter, achieving 90%+ ratings on Google Play and App Store.
- Streamlined doctor booking workflows, increasing scheduled appointments by **~25%**.
- Enhanced e-commerce checkout & inventory flows, reducing drop-offs by **18%**.
- Implemented media upload & playback with reliable cloud storage & caching.
- Developed a robust money transfer, mobile recharge, and OTT subscription application with 99.9% uptime & 20% faster transaction speed.

Java Technocrat

Technical Trainer | Bhubaneswar, India | Sep 2021 – May 2022

- Conducted over 100+ training sessions and 20+ webinars, educating 500+ students on Java, Android, Database, C & C++.

Achievements

- Awarded **Star of the Month** and nominated again the following quarter for delivery excellence and collaboration (NeoSOFT).
- Received an official **Appreciation letter** for delivering 3 major healthcare apps improving operational reliability.
- Recognised as **Employee of the Month** for outstanding consistency in delivery and proactive contribution to team mentoring in RechargeKit.

Education

B.Sc. in Computer Science

Lakshya Institute of Technology, Bhubaneswar | 2018 – 2021