# Shoyeb Akhtar

React Native Engineer · Expo, CI/CD & App Releases

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## Skills

( *release & CI/CD* ) Expo EAS (Build, Submit, Update), OTA updates & channels, runtime versioning, App Store Connect, TestFlight, Google Play Console (AAB signing, staged rollouts), GitHub Actions, Firebase Remote Config (feature flags), Docker, GCP
( *observability* ) Sentry (source maps, release health), Firebase Crashlytics, Play Console vitals, GA4, BigQuery
( *mobile* ) React Native (New Architecture), Expo Router, TypeScript, Reanimated, react-native-maps, Firebase Auth & Cloud Messaging, deep links (universal/app links), Redux / RTK Query
( *web & backend* ) React, Next.js, Node.js, Express, MongoDB, REST APIs, Cloudflare, Playwright, Jest, Temporal

## Work Experience

**Mobile Engineer - React Native / Expo | RangeNow** **07/2025 - Present** (1 Yr 4 Mo)

EV-charging app with **20k+ downloads**, live on the App Store and Google Play: charger discovery, trip planning, booking and payments. I own the mobile app's builds, deployments and releases end to end.

**Release Engineering & DevOps:**

- **Own the iOS and Android release pipeline:** EAS build profiles for development, preview and production; remote build-number versioning; EAS Submit to App Store Connect / TestFlight and Google Play staged rollouts.
- **Run OTA updates** with expo-updates channels per environment and runtime-version gating, so updates reach only compatible binaries. Each publish is verified in production by its Sentry release/dist before rollout continues.
- **Upgraded Expo SDK 55 → 56 → 57** (React Native 0.86, Hermes V1, Reanimated 4), troubleshooting build and deployment failures: native build breaks, EAS lockfile drift, broken upstream packages.
- **Built a stability triage pipeline** (Node.js) that pulls crashes, ANRs and hangs from the Sentry, Crashlytics, Google Play and App Store Connect APIs, dedupes them against a ledger and reports only new regressions per release.
- **Wired Sentry source-map upload into EAS builds.** Diagnosed iOS cold-start crashes, an $O(N^2)$ Google Maps marker hang and Android ANRs. Traced and reported a Sentry React Native SDK bug that silently dropped iOS events on Expo SDK 57 (getsentry/sentry-react-native#6630), fixed upstream in v8.25.0.
- **Use Firebase Remote Config as feature flags** to roll out a new route-planner version and gate features without a store release.

**Product & Tooling:**

- **Ship product features:** maps with marker clustering, live location, trip planning, booking & payments, phone auth, push notifications, and charger-share deep links backed by a Next.js redirect service. The 3.5.0 release grew trip plans 270% and bookings 264%.
- **Built developer tooling:** an adb mock-GPS drive simulator to test location features on real devices, and a store-metrics tool that pulls Play Console and App Store Connect funnel data.

Tech Stack - **TypeScript, React Native, Expo / EAS, Firebase, Sentry, Google Maps, Next.js, GitHub**

**Full Stack Developer - Frontend | Kuttl** **10/2023 - 05/2025** (1 Yr 8 Mo)

Joined as a founding team member (Software Developer Intern, 10/2023; full-time from 12/2023). Kuttl helps users track purchases, refunds, subscriptions and shipments in one place by linking Gmail or manual entries.

- **Built the React Native/Expo app from scratch** and led its Google Play release (AAB builds, signing, rollout). Set up Expo CI/CD with live OTA updates.
- **Centralised state with Redux + RTK Query** (40% less API code) and built a custom cache that cut load times from 3s to 1s.
- **Added push notifications** via Expo and FCM, reaching 95% of users and lifting engagement 30%. Also built deep linking, secure file uploads with HMAC validation, and interactive charts.
- **Backend:** built Node.js/Express APIs with MongoDB aggregation pipelines, and a Temporal workflow for reliable shipment tracking via Ship24.

Tech Stack - **JavaScript, TypeScript, React Native, Expo, Redux, Node.js, Express.js, MongoDB, GCP, Git**

## Education

Jamia Millia Islamia, New Delhi - B. Tech in Electrical Engineering CGPA - **8.51**

## Achievements

LeetCode**: Solved** 150+ algorithmic problems focusing on data structures, algorithms, and coding patterns.