Kwabena Mensah Senior React Native Developer

Vancouver, BC · kwabena.mensah@gmail.com · +1 604-555-0172 · linkedin.com/in/kwabenamensah

PROFILE SUMMARY

- **Senior React Native Developer** with **8 years** on consumer apps, now working on the **trading and staking features** of a **crypto exchange's** iOS and Android app.
- Works in languages (**TypeScript**, Kotlin, Swift), framework (**React Native**, **Hermes**), state (**Zustand**, **TanStack Query**), native (**TurboModules**, JSI) and testing (**Jest**, **Detox**).
- Strongest in **New Architecture migrations** done one screen at a time, **real-time lists** that hold their frame rate, and **OTA release channels** that never ship JavaScript to the wrong native build.
- Works with **product designers**, **backend engineers** on the trading APIs, **security reviewers** and **client support**, and joins the incident channel when a release goes wrong.
- Reviews pull requests across **3 mobile squads**, mentors **2 mid-level engineers** on native modules, and wrote the team's **New Architecture migration checklist**.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Kotlin, Swift, Objective-C (reading)
React Native & Expo:	React Native, React 19, Hermes, Metro, Expo Modules API
State & Navigation:	Zustand, Redux Toolkit (older screens), React Navigation, React Hook Form
Data & APIs:	TanStack Query, WebSockets, REST APIs, GraphQL, MMKV
Native Interop:	TurboModules, Fabric, JSI, Codegen, Xcode, Android Studio, Gradle
UI & Animation:	FlashList, Reanimated, Gesture Handler, React Native Skia
Testing, CI/CD & Monitoring:	Jest, React Native Testing Library, Detox, EAS Update, Fastlane, Sentry

EDUCATION

University of British Columbia — **B.Sc. in Computer Science** — Vancouver, BC · Sep 2014 to May 2018

WORK EXPERIENCE

Kraken — **Senior Software Engineer, Mobile** — Vancouver, BC (Remote) · Mar 2022 to Present

- Moved the app's internal native modules to **TurboModules** with Codegen during a staged New Architecture rollout behind remote flags, cutting Android time to the first trade screen from 2.9s to **1.4s**.
- Rebuilt the live price list and order book on **FlashList** and **Reanimated** worklets fed by a WebSocket stream, holding **58 to 60 fps** on a mid-range Android phone during market spikes.
- Split market ticks from account state, with **Zustand** stores for prices and **TanStack Query** for balances and orders, cutting re-renders on the trade screen by **70%** in React DevTools profiles.
- Set up **EAS Update** channels for internal, beta and production builds with a fingerprint check on native changes, shipping **27 OTA fixes** in a year without one runtime mismatch.
- Built the staking screens in TypeScript with **Detox** tests on deposit and withdrawal flows, which caught **11 release blockers** before App Store review over 2 quarters.

Hootsuite — **Mobile Developer** — Vancouver, BC · Jun 2018 to Feb 2022

- Built the post composer and content calendar in React Native inside the existing native iOS and Android apps, replacing **7 native screens** with one shared codebase.
- Shared validation rules and the API client with the web composer team through a private npm package, cutting bugs that showed up on only one platform by **45%**.
- Moved the React Native code from Flow to TypeScript while features kept shipping, and coached **2 Android engineers** through their first React Native pull requests.