MUAZU ABU

Senior Mobile Engineer, React Native | iOS & Android | Fintech & Web3

Remote (Eastern Time overlap 9 am - 5 pm) | abumuazu09@gmail.com | linkedin.com/in/muazu | github.com/Abumuazu | muazu.vercel.app

SUMMARY

Senior React Native Engineer with full-stack depth, 8 years building high-performance mobile and web apps across fintech, logistics, and AI platforms, with deep experience in cross-platform architecture, secure authentication flows, and full app lifecycle management, and a product-minded eye for how an app feels in the hand: animation, responsiveness, and the edge cases most builds skip. Shipped multiple apps, two from an empty repo to both stores as the sole engineer; built an embeddable chat SDK deployed by banks and enterprise teams to 100K+ end users; cut crashes 90% through a New Architecture migration; and mentored seven engineers to independent delivery. Deep in native modules (Swift/Kotlin), performance optimization, and full release ownership across the Expo and EAS pipeline, with an AI-native workflow (Claude Code, Cursor, and agent-driven QA).

EXPERIENCE

Tokenwell Inc: Senior React Native Developer (Contract); Canada (Remote)

Nov 2025 - Jul 2026

- Owned mobile end-to-end for a crypto investment app: architecture, independent technical decisions, delivery, releases, and production stability, reporting directly to the founding team.
- Ran the full release cycle: signing and provisioning, TestFlight and Play internal tracks, App Store review back-and-forth, and OTA updates via EAS Update to ship fixes without waiting on store review.
- Rebuilt the first-run flow into a single fluid animated sequence, driving onboarding conversion up 50% month-over-month while tightening render paths with Hermes profiling and bundle splitting.
- Kept live market data smooth under load: WebSocket streaming with React Query, plus a custom Fabric chart with smooth 60fps animation and gesture scrubbing that held frame where a JS-rendered chart stuttered.

Topship Africa (YC W22): Lead Mobile Engineer, Lagos (Hybrid)

Feb 2024 - Nov 2025

- Cut crashes 90% to under 0.5% by migrating to the New Architecture (Fabric, TurboModules), upgrading Expo SDK, and six months of hands-on debugging across iOS and Android: tracing memory leaks, fixing render edge cases, and rewriting native modules.
- Took releases from 48 hours to 3 by standing up CI/CD with GitHub Actions, Bitrise, Fastlane, and EAS Build automated test gates and staged rollouts.
- Lifted delivery accuracy from 60% to 98% and increased user engagement by 60% for 50K+ monthly users with real-time WebSocket tracking and an offline-first sync queue built for unreliable networks.
- Delivered feature parity between the mobile app and the Topship web platform, porting web capabilities to mobile without compromising native behavior.
- Set the mobile architecture and engineering standards the whole team built against, and owned the platform's technical direction.

eBanqo Inc: Senior React Native Developer, United States (Remote)

Sep 2022 - Feb 2024

- Improved perceived responsiveness 40% on low-end Android by moving animations to the UI thread and profiling jank frame-by-frame on a conversational AI platform.
- Built the embeddable chat SDK that banks, e-commerce, and enterprise teams deployed into their own web and product surfaces, reaching 100K+ monthly end users across client deployments, with real-time streaming chat and automated conversation routing.
- Built native modules in Swift and Kotlin for audio, camera, and background processing, with Firebase auth, messaging, and analytics wired through.

Koyo Nation: Senior React Native Developer, United States (Remote)

Nov 2020 - Sep 2022

- Cut support tickets 50% by leading a UX modernisation of merchant-facing screens with real-time order tracking and deep linking.
- Mentored four engineers across feature teams and set the code review and testing standards that the team kept after I left.
- Reduced regressions by introducing Clean Architecture, MVVM, and a shared Storybook component system.

Centiiv: Co-Founder and CTO, Lagos, Nigeria

Dec 2019 - Dec 2021

- Built a fintech wallet from an empty repo to both stores as the only engineer: React Native app, Node.js/NestJS backend, PostgreSQL, real-time transactions over WebSockets, biometric auth. The product still operates today.
- Owned every release, defined the engineering standards, and translated technical trade-offs for non-technical co-founders and investors.

Cyclos Mart: React Native Developer, Lagos (Remote)

Jan 2018 - Nov 2019

- Lifted Android stability by 70% by resolving long-session memory issues and ran the store releases across consumer apps.

SKILLS

Mobile Development: React Native (8 yrs), TypeScript (7 yrs), ES6, New Architecture (Fabric, TurboModules, JSI), Context API, Apollo Client, Hermes profiling, React Navigation, Reanimated, React Query, Zustand, Redux Toolkit, Expo, React, Next.js, REST, GraphQL, WebSockets

Release Pipeline: App Store Connect, Google Play Console, signing and provisioning, TestFlight, Play internal tracks, staged rollouts, Feature Flags, Expo SDK, EAS Build, EAS Submit, EAS Update (OTA), Expo Router.

Authentication: OAuth, JWT, SSO, biometric auth, multifactor authentication

Native Development: Swift, Kotlin, custom native modules (bridging), Xcode, Android Studio, Gradle, CocoaPods, Android development, iOS development

Integrations: Push notifications (FCM, APNs, Expo Notifications), Firebase Analytics, AppsFlyer, Sentry, deep linking, third-party SDK integration, embeddable SDK development

Performance and Reliability: App performance optimization, crash rate reduction, render and memory profiling, bundle and startup optimization, offline-first sync, MMKV, Sentry, Crashlytics

CI/CD and DevOps: GitHub Actions, Bitrise, Fastlane, Bitbucket, CI/CD pipelines, automated testing, staged rollouts

Backend Integration: Node.js, NestJS, PostgreSQL, MySQL, Firebase, AWS Amplify, WebSockets, JWT auth

Agile and Collaboration: Agile methodologies, BDD, technical leadership, mentoring, code review culture, cross-functional delivery

Testing: Jest, React Native Testing Library, Detox, agent-driven QA (Maestro, Argent, agent-device)

AI Integration: Claude Code, Cursor, agent-driven QA, LLM integration, on-device model inference (ExecuTorch)

EDUCATION

Federal University Lokoja: **B.Sc**. Mathematical Sciences

2014 - 2018

Certified React Developer, HackerRank, 2020 | Scrum Fundamentals Certified, 2020 | Certified Software Engineer, 2020 | English: Native/Bilingual Proficiency

PROJECTS

Shipped and maintained in production:

Topship (cross-border payments & logistics): Play Store | App Store | Web

eBanqo for Business (conversational AI): Play Store | App Store | Web

Raum Africa (property tech, co-founder, sole engineer, 0→production): Play Store | App Store | Web

Tokenwell (crypto investment): Play Store | App Store | Web