

Chibuokem T. Onyekwelu

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Senior React Native Engineer | Fintech | TypeScript | Mobile Architecture

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Senior React Native Engineer with 6+ years of experience building and scaling consumer mobile products, including fintech applications used by 80,000+ users. Strong technical background spanning React Native, TypeScript, APIs, mobile architecture, native integrations, testing, CI/CD and production observability. Proven track record of owning products and technical projects end-to-end, partnering closely with Product, Design and backend teams, and translating technical decisions into measurable improvements in performance, reliability, engagement and conversion. Experienced leading engineers, working in fast-moving environments and building simple, scalable solutions from 0→1 through production.

Selected Achievements

- **Built and scaled production React Native applications serving 200,000+ users worldwide.**
- **Increased MAU by 46%** through rapid experimentation and product improvements on a consumer fintech application.
- **Improved launch performance by 50% and reduced technical debt by 60%** on a 120,000+ user application.
- **Improved application performance by 50%+ while bringing crash-free sessions close to 100%.**
- **Led and mentored React Native engineers** and hired/onboarded mobile engineers.
- Owned mobile products end-to-end from **technical design through production release and monitoring.**

Technical Proficiencies

- **Core:** React Native, TypeScript, JavaScript, React, Expo
- **Mobile UX & Performance:** Reanimated, Gesture Handler, Animation Performance, Rendering Performance, Frame-rate Optimisation, App Startup Optimisation, Memory Usage, Bundle Size Reduction, Crash Analysis
- **Architecture & UI:** Component Architecture, Design Systems, Zustand, Redux, TanStack Query, React Navigation, Accessibility
- **Platform:** Kotlin, Swift, iOS, Android
- **Data & APIs:** GraphQL, REST, WebSockets, Firebase
- **Testing & Quality:** Jest, React Native Testing Library, Detox, Maestro, TDD, Automated Testing, ESLint, SonarQube, Security Scanning
- **Performance & Observability:** Rendering Performance, App Startup Optimisation, Memory Usage, Frame-rate Optimisation, Bundle Size Reduction, Sentry, Firebase Crashlytics, Datadog
- **Product & Analytics:** PostHog, Analytics, Experimentation, A/B Testing, Feature Flags, DevCycle, RevenueCat
- **Build & Delivery:** EAS Build, EAS Workflows, GitHub Actions, Azure DevOps, Fastlane, App Store Connect, Google Play Console, CI/CD
- **AI-Assisted Engineering:** Claude Code, GitHub Copilot, ChatGPT, AI-assisted implementation, code review, debugging, testing, refactoring, documentation

Professional Experience

FacilityBills Technologies – Remote Mar 2025 - Present

Technical Lead / Lead Mobile Software Engineer

- Owned customer-facing React Native experiences end-to-end, from architecture and feature development through performance optimisation, CI/CD and production delivery.
- Partnered closely with Product, Design and QA to translate evolving requirements into polished experiences, prioritising customer value and rapid iteration while maintaining a **99% crash-free experience.**
- Made pragmatic architectural decisions in a fast-moving startup environment, balancing development velocity, scalability and reliability.
- Migrated the entire codebase from JavaScript to **TypeScript**, improving type safety, maintainability and developer experience.

- Implemented automated CI/CD using **EAS Build and GitHub Actions**, including build configuration, versioning and signed App Store/Google Play releases.

Square1 – Dublin, Ireland (Remote) Oct 2025 - May 2026

Senior Full-stack Engineer

- Owned mobile architecture and modernization efforts for multiple early-stage consumer products, partnering directly with founders to rapidly validate ideas and ship production features.
- Led the modernization of a React Native application serving **120,000+ users**, improving **launch performance by 50%** and significantly reducing technical debt.
- Owned rapid delivery of production features across multiple consumer products, shipping weekly while modernizing legacy applications.
- Built and maintained native iOS and Android integrations, including Expo/native modules, platform configuration, code signing, TestFlight, and Google Play internal releases.
- Implemented CI/CD pipelines to automatically distribute applications using Bitbucket Pipelines, Fastlane, AWS, and Firebase App Distribution.

Earna – Remote Jul 2025 - Oct 2025

Senior Product Engineer

- Led the migration of the flagship mobile application from Flutter to React Native, establishing a scalable greenfield architecture using Expo and EAS, improving app performance by over **50%** and increasing crash-free sessions to nearly **100%**.
- Designed and implemented the architecture for new React Native applications using Expo, EAS, and the React Native New Architecture, making key decisions around navigation, state management, native integrations, and evolving product requirements.
- Designed and implemented gesture-driven transitions and animated interactions with Reanimated, optimising work for smooth frame delivery and responsive touch interactions.
- Implemented CI/CD workflows using EAS Workflows and GitHub Actions, supporting automated builds, signed releases, and rapid feature iteration.
- Championed Test-Driven Development using Jest, achieving over **90% test coverage** for mission-critical financial functionality.
- Integrated Claude Code and GitHub Copilot into daily development workflows for implementation, debugging, code review, testing, and refactoring, improving engineering velocity and code quality.
- Established and enforced code-quality and security standards using ESLint, SonarQube and automated security scanning, improving maintainability and identifying potential issues earlier in the development lifecycle.

Female Invest – Copenhagen, Denmark (Remote) May 2022 - Feb 2025

Senior React Native Engineer

- Owned core customer journeys across a consumer fintech application used by **80,000+ users**, partnering with Product, Design and Growth to improve onboarding, engagement, conversion and overall product experience.
- Increased **monthly active users by 46%** through rapid experimentation and iterative product improvements.
- Worked across the full product lifecycle, from discovery and technical design through implementation, App Store releases and production monitoring.
- Implemented **analytics, feature flags and A/B testing** using **DevCycle, Firebase Crashlytics and Shakebug**, using product and reliability data to validate decisions and improve retention.
- Optimised app responsiveness and release stability while maintaining a rapid shipping cadence.
- Architected and automated CI/CD pipelines with Azure DevOps and App Center, reducing deployment times by 25%.
- Implemented in-app purchasing experiences that improved the customer journey and supported conversion.

Prunedge Development Technologies – Lagos, Nigeria Apr 2022 - Dec 2022

Lead Mobile Software Engineer

- Led and mentored a team of six React Native engineers, establishing engineering standards and code-review practices while maintaining high delivery velocity.

- Accelerated feature delivery by 30% by introducing modular architecture, setting up efficient development and code review processes, and aligning technical sprints with product priorities.
- Hired and onboarded 3 mobile engineers, establishing structured code review and mentorship processes that improved PR cycle time and reduced post-release defects.

Prunedge Development Technologies – Lagos, Nigeria Feb 2021 - Apr 2022

Mobile Software Engineer

- Developed and delivered the Korensi mobile application with React Native and GraphQL, delivering real-time payment and transportation services for thousands of daily users in Lagos.
- Developed Delta State LMS app (iOS/Android) with React Native & GraphQL, expanding access to digital education for thousands of students.
- Shipped Prowoks enterprise EDMS (React Native), enabling digital document management for enterprise clients across multiple organisations.

Workforce Group – Lagos, Nigeria Apr 2020 - Feb 2021

Software Engineer

- Re-architected and redeployed mAudition app with React Native & Redux, boosting performance by over 70% and significantly improving UX scores.
- Built the Learnry mobile app (React Native), shipping engagement features including streaks and progress tracking that improved learning session completion rates.

Wragby Business Solutions & Technologies – Lagos, Nigeria Jan 2020 - Jul 2020

Mobile Application Developer

- Delivered SMEProductivity app with React Native & Redux, improving SME operational efficiency.
- Built iBroka insurance app, streamlining brokerage workflows and enabling digital policy management.

Startup Builder – Remote Aug 2019 - Jan 2020

Full-stack Software Engineer

- Built and shipped **Knowledge To Own web platform using ReactJS and Node.js**, connecting prospective home buyers with affordable resources.
- Built and shipped Otto Travel, a React Native travel application, owning core booking workflows from design handoff through App Store release.
- Architected and developed LookStyler, a React Native + GraphQL fashion platform supporting on-demand styling services.

Volunteer Experience

- **Mentor**, Tech4Dev Women Techstars (May 2026 – Present)
- **Mentor**, ADPList.org (Jan 2024 – Present)
- **Mentor**, Tech4Dev Women Techstars (Jul 2024 – Dec 2024)
- **Facilitator**, Meta Developer Circles, Akure (Jul 2019 – Dec 2019)
- **Lead Facilitator (Web Design)**, Bemore Summer Bootcamp by SeedDev (Aug 2019)
- **Facilitator/Trainer**, Mobile Application Development Workshop by Afro-Tech Girls (Jun 2018 – Jul 2018)

Education

- **Bachelor of Technology, Computer Science (Dec 2019)**, Federal University of Technology – Akure

Certifications

- **React Native Certification** - Meta (Coursera), May 2025. Credential ID: **NECKL3ZAP3NU**

Awards & Honors

- **Top 10 ADPList Mentor (iOS Engineering)**, Mar 2025
- **Top 50 ADPList Mentor (iOS Engineering)**, Dec 2024
- **Outstanding Product Engineer of the Year**, African Beacon of ICT Awards, May 2024
- **“Cruising and Crushing”**, Prunedge Staff Awards, 2021
- **First Runner-up**, KadHack Online Hackathon 2018
- **Second Runner-up**, Microsoft Imagine Cup National Finals 2018, Lagos
- **Winner, Live Coding Challenge**, National Association of Computer Science Students’ Week 2018, FUTA