

Emmanuel Akinde

SENIOR REACT NATIVE & FRONTEND ENGINEER

emmanuelreactdev@gmail.com +23408101597773 github.com/Harkindey linkedin.com/in/emmanuel-akinde

PROFESSIONAL SUMMARY

Senior Software Engineer specializing in React Native and Frontend development for mission-critical applications, with deep expertise in fintech and banking platforms. Expert in performance optimization, native module development, and leading technical teams. Strong focus on real-time features, secure transactions, and offline-first architectures, with active contributions to open-source React Native projects.

PROFESSIONAL EXPERIENCE

Senior Software Engineer - Mobile Team Lead at Brass Technologies

March 2021 - Present

- Architected and led development of the Brass banking platform using React Native and TypeScript
- Built the Brass UI Kit, a comprehensive UI component library with 95% test coverage using React Native Testing Library and Storybook for documentation
- Designed offline-first architecture using Redux Toolkit and custom middleware for handling banking operations
- Established mobile CI/CD pipeline reducing release cycles from weeks to days using Fastlane and CodeMagic

Senior Mobile Engineer (Freelance) at Andela

January 2022 - Present

- Led React Native development for Niche.com, building a cross-platform education platform with complex data visualization and filtering systems
- Developed modular architecture patterns, improving code reusability across multiple client projects
- Optimized React Native performance through strategic component memoization and custom hooks, reducing render times by 40%

React Native Engineer at RiseVest

April 2020 - April 2021

- Built real-time investment advisory platform using WebSocket with custom reconnection and message queuing
- Implemented complex charting solutions using D3.js with gesture handling and animations
- Created shared TypeScript monorepo setup for web and mobile codebases
- Developed custom navigation solution with deep linking and screen transition animations

Frontend Engineer at Clane Company

October 2018 - August 2019

- Intiated Bluetooth Connections for secure mPOS device communication
- Built offline transaction system with queue management and automatic retry mechanisms with Axios
- Built a contactless payment integration with React Native using near field communication (NFC)
- Built a merchant portal system with Angular, RxJS, and TypeScript

Software Engineering Intern at Konga Online Shopping Mall

December 2016 - May 2017

- Contributed to shipping and logistics system using React, Node.js, and Express.js
- Implemented test-driven development practices, achieving 80% test coverage
- Collaborated with UX team to build features for Nigeria's largest e-commerce platform
- Optimized codebase for better maintainability and documented processes

TECHNICAL EXPERTISE

Core Technologies

React Native

React.js

TypeScript

JavaScript (ES6+)

Mobile Development

Native Modules

iOS/Android

Fastlane

CodeMagic

Architecture & State

Redux Toolkit

GraphQL

WebSocket

SQLite

Testing & Tools

Jest

Testing Library

Detox

CircleCI

Performance

Profiling

Memory Leaks

Bundle Size

Hermes

EDUCATION

Computer Engineering

Obafemi Awolowo University, 2012 - 2017

Major in Computer Science