

Ajibola Akinmosin

Senior *Mobile* & Full-Stack Engineer

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01 SUMMARY

Senior mobile and full-stack engineer with 5+ years of experience building fintech, payments and secure communication products. I specialise in cross-platform Flutter apps built on clean architecture, backed by services in C# (ASP.NET Core) and TypeScript (NestJS).

02 EXPERIENCE

Mobile Engineer · Busha (busha.io)

Aug 2025 – Present

- Build and maintain core mobile features in Flutter & Dart, improving performance and UX across iOS and Android.
- Architect scalable UI components and integrate robust API workflows for crypto and financial transactions.
- Partner with product and backend teams to deliver high reliability, sound state management and smooth performance.

Senior Software Developer · Yousend Inc.

Aug 2025 – Present

- Architected a mono-repo with clean architecture layers (data, domain, presentation), **cutting code duplication by 30%** and enabling parallel development across 3+ payment feature teams.
- Engineered real-time currency conversion and cross-border transaction flows with a **99.9% success rate**, reducing payment processing latency by 25% through optimised BLoC/Cubit state management.
- Built reusable UI components and platform integrations (localisation, biometric auth, KYC compliance checks), **accelerating feature delivery by 40%** across iOS and Android.
- Refactored legacy modules with dependency injection and use-case separation, **cutting crash rates by 20%** and raising test coverage on critical payment paths to 85%.

Software Engineer · Opus Technology

May 2024 – Mar 2025

- Enhanced enterprise search for internal applications used across a large employee base, improving data-retrieval efficiency and productivity.
- Developed secure Single Sign-On middleware with JWT validation and payload extraction, ensuring seamless authentication and regulatory compliance.
- Optimised .NET Core redirect logic between client and server middleware, **reducing latency by 1,500 ms**.
- Resolved 10+ critical React UI issues, including validation errors and component drift, **reducing user-reported bugs by 50%**.

Lead Software Engineer · Presence Inc.

Mar 2022 – Mar 2024

- Designed and built a secure private messaging app in Flutter & Dart, with end-to-end encryption using the Signal Protocol and RSA.
- Configured and deployed MQTT for message relaying, **reducing messaging latency by 70%**.
- Engineered encrypted audio/video calling and secure image/video upload and download, improving user engagement.

Lead Engineer · Centiiv

Oct 2020 – Feb 2022

- Built a fintech remittance platform end to end: a Flutter & Dart client and a NestJS (TypeScript) backend.
- Architected and scaled backend services for secure, high-volume transactions in line with financial regulations.
- Extended the platform to B2B remittance (bulk transactions, corporate payments) and international transfers with cross-border payment gateways and real-time FX rate handling.

03 OPEN SOURCE

screenshot_shield · Flutter plugin on pub.dev

pub.dev/packages/screenshot_shield

- Detects screenshots and recordings and blanks captures of screens or regions; native Kotlin, Swift and C++ code.

04 SKILLS

Languages	Dart, C#, TypeScript / JavaScript, Java, Python
Mobile	Flutter, BLoC / Cubit, Clean Architecture, iOS & Android, biometric auth, KYC integrations
Backend & Web	ASP.NET Core, NestJS, React / Next.js, REST APIs, MQTT, JWT / SSO
Data & Cloud	PostgreSQL, MongoDB, MySQL, Cassandra, AWS, Google Cloud, Docker, Linux, Git

05 EDUCATION

B.S. Computer Science · Federal University Lokoja

Graduated Jan 2023 · GPA 4.12 / 5.0

Coursework: Data Structures, Algorithms, Data Science, Machine Learning, Computer Architecture, Cryptography.