GEORGE IKWEGBU

London, UK

Email: g.ikwegbu@gmail.com | Mobile: 07377349751 | Github: github.com/gikwegbu |
LinkedIn: linkedin.com/in/GIkwegbu

Summary

Mobile app engineer with 5+ years building production Flutter applications across fintech, mobility, and IoT platforms. Expert in delivering end-to-end mobile solutions from architecture to App Store deployment, accelerating CI/CD pipelines, optimising performance, and integrating complex third-party APIs. Holds an MSc in Computer Science with a focus on AI and IoT and is passionate about creating seamless hardware-software experiences that solve real-world problems.

Education

MSc Computer Science | York St. John University | London, UK 2026
- Focus: AI, Cloud Computing, Machine Learning, Agile Software Engineering, IoT, Cyber Security, User-Centered Design, Big Data.
- Dissertation: Researched and built a cross-platform app using Flutter for an "END-TO-END SPEECH RECOGNITION FOR LOW-RESOURCE LANGUAGES (IGBO)"

B.Eng Computer Engineering | Michael Okpara University of Agriculture | Nigeria 2019
- Focus: Programming, Systems Architecture, Microcontrollers, Data Communication, AI, Robotics.
- Final Year Project: Built a questionnaire app that automated research data entry into Excel/SPSS.

WASSCE & NECO (GCSEs & A-Level Equivalent) – Senior Science School, Nigeria *(2014)*
- Subjects: Mathematics, Further Mathematics, Physics, Chemistry, Biology, English, Geography, and Literature.

Work Experience

Mobile Team Head of Department and Lead Flutter Engineer, AlphaRide (LisBon), Lagos, Nigeria

Aug 2024 - Jan 2025 -> Play Store and AppStore

- Led mobile development team to build and deploy a customer-facing mobile application with real-time tracking, socket.io, liveness verification, and integrated chat support, utilising Bloc for state management
- Designed and implemented audio call functionality and integrated multiple third-party SDKs, implementing comprehensive unit testing to ensure application reliability and performance
- Drove cross-functional collaboration through regular review sessions, mentored and trained junior engineers, and established best practices across engineering teams

Team Lead and Flutter Engineer, Reisty inc, Lagos, Nigeria

Sept 2023 - Dec 2025 -> Play Store and AppStore
- Led end-to-end feature delivery including push notifications, Paystack payment gateway integration (leveraging **my open-source** package contributions), and iPad-optimised responsive design using Provider for state management
- Architected and developed custom reusable packages to enhance code maintainability and scalability and reduce technical debt across the application
- Facilitated **Agile** ceremonies (sprint planning, retrospectives, stand-ups), delegated tasks effectively, and resolved critical blockers to maintain project velocity and ensure on-time delivery
- Drove talent acquisition and team growth by interviewing candidates, onboarding new engineers, and **mentoring** junior Flutter developers to accelerate skill development
- Collaborated closely with design teams to refine UI/UX, resulting in measurable improvements in user engagement and adoption rates

Senior Flutter Engineer, Turog Tech, Lagos, Nigeria

Mar 2023 - Aug 2023 -> Play Store and AppStore
- Engineered a **secure**, responsive fintech mobile application using **Cubit** for state management, delivering pixel-perfect UI implementation aligned with Figma design specifications
- Implemented comprehensive security architecture including device **fingerprinting** to enforce single-device account access and rooted device detection, and collaborated with penetration testing teams to identify and remediate vulnerabilities, ensuring compliance with financial security standards
- Established and maintained CI/CD pipelines using **Fastlane**, achieving a **40%** reduction in deployment time and enabling faster release cycles
- Provided remote mentorship to web engineering team whilst contributing to cross-functional product development and technical strategy

Mobile App Engineer, The Temple, Lagos, Nigeria

April 2022 - March 2023 -> PlayStore and AppStore
- Developed scalable mobile application using **MVVM** architectural pattern and **Provider** for state management, ensuring clean separation of concerns and maintainable codebase
- Integrated Zendesk ticketing system via **third-party** API to deliver enhanced customer support capabilities, and developed custom **methodChannels** to bridge Flutter with native Kotlin (Android) and Swift (iOS) code for platform-specific functionalities
- Identified and resolved critical memory leaks through class instance lifecycle optimisation, achieving a **98%** reduction in memory-related crashes as validated by **Firebase** Crashlytics metrics, significantly improving application stability and user experience

Lead Mobile App Developer, Migospay, Lagos, Nigeria

Jan 2022 – March 2022
- Developed fintech mobile application consuming **REST** APIs for smart contract interactions, delivering pixel-perfect UI implementation aligned with provided design specifications using reusable component architecture
- Architected structured, maintainable codebase with modular UI components to support rapid

feature development and scalability
- Optimised API request handling and error management, improving system reliability, transaction success rates, and user trust in crypto operations

Lead Mobile Developer Pennywise | Lagos, Nigeria

2020 – 2021
- Built and scaled fintech mobile application enabling users to manage personal finances and track expenses
- Developed core features including transaction tracking, budgeting tools, and financial analytics

Lead Mobile Developer (Remote) **Selyct** | **United Kingdom**

2020–2021
- Developed mobility-focused mobile application for UK market, working remotely with cross-functional team
- Implemented real-time navigation features and location-based services using **Google Maps API**

Lead Mobile Developer | Powercap | Lagos, Nigeria

2020–2021
- Built power management mobile application enabling users to monitor and control energy consumption
- Integrated in-app wallet functionality and implemented real-time device monitoring featur

Extracuricular Activities

- **Course rep,** York St. John University - Improved student feedback engagement – 2025
- **National Youth Service Corps**   -   2022
- **Nigerian Society of Engineers (student member)**   – 2019

Technical Skills

- **Languages:** Dart, Swift, JavaScript (TypeScript | Nestjs)
- **Frameworks:** Flutter, SwiftUI
- **Databases:** SQLite, Hive, CoreData, SharedPreference
- **CI/CD & Version Control:** Git, GitHub Actions, CircleCI, Codemagic, Fastlane, GitLab, AWS CodeCommit
- **Tools & Platforms:** Android Studio, Xcode, VS Code, Figma, Jira, Postman, Notion, Miro
- **Architecture & State Management:** MVVM, Provider, Bloc, Cubit, Riverpod, GetX
- **Spoken Language**: English, Igbo (Native)

Interests
- TEDx | Tech Meetups | Basketball | Fitness | Gaming

References Available on Request