Winfred Adu-Acheampong

Flutter Software Engineer

Summary

Flutter Software Engineer with experience building and scaling production mobile applications for fintech, delivery, and field-agent platforms. Specialized in offline-first architecture, real-time systems, payments, localization, and clean architecture. Proven ability to independently own mobile systems end-to-end, ship high-impact features, and maintain scalable Flutter applications in fast-paced environments.

Professional Experience

Agrocenta Technologies Inc. - Accra, GH

Flutter Engineer — Sept 2024 – Present

- Owned maintenance and feature development of an offline-first Flutter application used by field agents, enabling 100% offline operations with seamless data synchronization.
- Built Trader Onboarding and Loan Application workflows used by field agents in the field.
- Implemented Loan Repayment and VSLA modules (contributions, lending, meetings & attendance, withdrawals).
- Integrated on-device image classification using tflite_flutter to validate selfie quality and prevent incorrect or low-quality image submissions.

WeGoo Delivery

Flutter Engineer — June 2024 – Present (Remote)

- Rebuilt two production Flutter apps (Rider app and User app) using Clean Architecture, improving maintainability and feature velocity.
- Implemented localization support (French & Swahili) to enable regional expansion.
- Built inventory management features for B2B clients.
- Integrated feature flags using Firebase Remote Config to support rapidly changing product requirements.

Tevrozo Limited Company

Flutter Developer — Dec 2023 – April 2024

- Contributed to the development of BOTR, a mobile application focused on church community engagement and mental health support.
- Worked on Oneway, a food delivery platform, contributing to feature development and deployment.
- Collaborated with cross-functional teams to design and ship Flutter features.

Contact

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Skills

Mobile Development

- Flutter
- Dart
- Clean Architecture
- Riverpod

Backend & Integration

- REST APIs
- WebSockets
- Firebase (Auth, Firestore, Remote Config)

Specialized Areas

- Offline-first systems
- Data synchronization
- Localization & internationalization
- TensorFlow Lite (on-device ML)
- Payments integration

Tools

- Git
- GitHub
- CI/CD
- Figma
- Android Studio
- VS Code

Education

BSc Computer Science

Kwame Nkrumah University of Science & Technology,
November 2024