

Devlify

Mobile Application Developer

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SUMMARY

Mobile Application Developer and Computer Science undergraduate at Federal University Gusau with hands-on experience shipping cross-platform Flutter apps and native Android (Kotlin) applications. Comfortable owning a mobile product end to end — UI, offline-first data layers, on-device ML inference, Firebase auth, and native platform integration — through to backend API integration and release.

EXPERIENCE

Mobile Developer — Freelance · Open Source · Academic Projects · Running Jack ICT Academy

2022 – Present

- Built and shipped **AviGuard** (ChickenDx), a cross-platform Flutter app for on-device poultry disease diagnosis, integrating dual ONNX computer-vision models via flutter_onnxruntime for fully offline inference
- Implemented Firebase Google Sign-In, offline-first local caching (diagnosis history, guide, flocks, dashboard), dark mode, and a biometric-lock toggle
- Diagnosed and fixed platform-specific runtime issues across Android builds: const-context compile errors, tensor-shape casting bugs in ONNX model output, and an emulator-only API base URL that broke login on physical devices
- Built Murabaha Android POS, a native Kotlin + Jetpack Compose app (Hilt DI, Retrofit) for in-store fuel-purchase financing, including a swappable payment-terminal abstraction for hardware-independent development
- Delivered Flutter Material Design 3 layout and spacing integration for a PHP-based production management system's mobile views, fixing cross-platform responsiveness issues

PROJECTS

AviGuard (ChickenDx)

Cross-platform poultry-health diagnosis app with on-device ML inference and full offline mode.

Flutter

Firebase

ONNX Runtime

Flask

- Bundled dual on-device ONNX models (MobileNetV3-small) as Flutter assets after discovering and fixing a critical packaging bug where model weights were never being shipped with the app
- Built full offline support: on-device inference plus local caching across every major screen
- Fixed dark-mode toggle performance by lazily caching theme objects instead of rebuilding them on every access

Demonstrates: shipping a production mobile app with real on-device ML, not just API calls

Murabaha Android POS

Native Android point-of-sale app for fuel-purchase financing at the pump.

Kotlin

Jetpack Compose

Hilt

Retrofit

- Implemented the buy-fuel to finance-to-settlement flow: station login, customer eligibility, financing confirmation, and transaction receipts
- Designed a PaymentTerminal abstraction with a deterministic mock terminal so development didn't block on hardware availability

Demonstrates: native Android architecture (Compose + Hilt) for a real fintech point-of-sale flow

SKILLS

Languages

Dart

Kotlin

JavaScript

TypeScript

Python

Mobile

Flutter

Jetpack Compose

Firebase Auth

ONNX Runtime (on-device)

Architecture

Offline-first caching

Repository pattern

Hilt (DI)

Provider

Backend Integration

REST APIs

Retrofit

Flask

Django

Tools & DevOps

Git/GitHub

Android Studio

Gradle

Render

Linux

EDUCATION

B.Sc. Computer Science — Federal University Gusau

- Undergraduate coursework, 2021 – Present
- Introduction to Critical Infrastructure Protection (ICIP) — OPSWAT Academy, Jun 2026
- Cybersecurity (Beginner) — TechyJaunt, accredited by ACTD, Dec 2025 – Mar 2026
- Web Development Technology — Running Jack ICT Academy, Oct 2025
- AWS Cloud Practitioner Essentials — Amazon Web Services, in progress

SOFT SKILLS

Analytical Thinking

Problem Solving

Fast Learner

Team Collaboration

Clean Code Practices

Attention to Detail

LANGUAGES

English (Fluent)

Hausa (Native)