

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)

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

Murabaha Android POS

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

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