

Daniel Oluremi

SOFTWARE ENGINEER | MOBILE • DESKTOP • AI

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Profile

AI writes great code now. Well, so do I, but it's the least valuable thing I have to offer. I have worked on startup teams across fintech, social, and agritech, building mobile apps, desktop apps and training AI models, and that experience has taught me to think beyond just the coding task in front of me (which AI can thankfully handle now) to what the market truly needs, what a customer is really asking for, which technical decisions will still make sense several months/years down the line, and which need to change. The greatest products are never truly finished - they keep adapting as people's needs change. First-class Computer Science graduate; writing programs since 2019, building mobile apps since 2022; 10+ apps worked on, 4 shipped to production and one in testing, 7k+ downloads across stores.

Experience

SumeruEdutech

AUG 2025 - PRESENT

Mobile/Desktop Engineer and AI Engineer

- Building the SchoolExl mobile app and its offline EdgeAI desktop platform.
- Training the Sumeru SLMs - a suite of six small language models distilled for education: lightweight offline assistants, thinking and reasoning models, a voice model, and a vision model that reads pages, diagrams, and handwriting.

Balancc

MAY 2025 - JAN 2026

Mobile App Developer

- Built significant parts of the Balancc Flutter app (financial insights; in testing) across 13 feature modules: accounts, budgets, transactions, and insights.
- Background sync with WorkManager and foreground services, home-screen widgets, dual charting stack, Shorebird over-the-air patching, biometric lock and jailbreak detection.

Bakkaz Information & Technology

MAY 2024 - JUN 2025

Mobile App Developer

- Shipped RecenthPost (social platform; 1,000+ downloads, 5.0★ on Google Play) - live streaming, Socket.IO chat, and end-to-end voice messages.
- Shipped Errandaar (two-sided errand marketplace; 5,000+ downloads, live on both stores) - realtime posting, chat and order tracking, client-side AWS Signature V4 uploads, face-verification KYC.

Farm Monitor

FEB - JUN 2024

Mobile App Developer

- Farmer-side features for Farm Monitor (agro monitoring platform; 1,000+ downloads, 4.3★): offline-first field data over SQLite, satellite field mapping with Google Maps, localization in English, Hausa, Igbo, and Yoruba.

Selected independent work

- **DripoolPay** (2024, built entirely solo) - bills-and-wallet fintech app; custom PIN keypad, biometric unlock, encrypted storage; 4.7★ on Google Play.
- **WETool** (2023) - weight-equalization app for farmers with full custom-backend auth. **Empire Pay** (2024) - crypto and gift-card trading app. **Friends** (2022) - personal CRM with WhatsApp-deep-linked birthday reminders.

AI engineering

- QLoRA fine-tuned Qwen2.5-Math-1.5B for step-by-step tutoring on a self-built NCERT + Orca-Math + MetaMathQA dataset; GSM8K and MATH held out as benchmarks with baseline-vs-finetuned evaluation.
- Built and published the Yoruba Academic Wikipedia QA dataset on Hugging Face and fine-tuned Qwen2.5-1.5B on it - low-resource-language NLP.

- Writing a series on running LLMs locally in Flutter apps - on Android and in desktop apps (Windows/macOS/Linux) (Hashnode, 2026): QLoRA fine-tuning, GGUF quantization, and on-device integration.

Open source

- Four Flutter plugins on pub.dev for AR live streaming: flutter_deepar, flutter_deepar_agora, flutter_banuba_ar, flutter_banuba_agora_ar - camera capture, AR effects, and processed-frame bridges into Agora RTC.

Education and courses

B.Sc. Computer Science - Federal University of Agriculture, Abeokuta

DEC 2023

First-Class Honours - Best Graduating Student in the Department.

Machine Learning Specialization, DeepLearning.AI (2025) · Flutter & Dart - The Complete Guide, Udemy (2023) ·

Mathematics for Machine Learning, Imperial College London (2020) · Complete Python 3, Udemy (2020)

Skills

Flutter · Dart · Riverpod / Provider · Firebase · Socket.IO · Google Maps · payment integrations (Paystack) · SQLite / Hive · Python · PyTorch · QLoRA / Unsloth / PEFT / TRL · Hugging Face · Docker · Git · SQL · JavaScript

References available on request.