ADRIAN ADAMS

Product Developer

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PROFILE

Product developer who designs, builds and ships web and mobile products end to end. In 2026 I delivered client systems for a crop farm, a broiler poultry farm and a boutique hotel, working directly with each owner from first conversation to launch, alongside my own products in personal finance and AI. I build with JavaScript, React and Supabase, ship installable offline-capable mobile apps next to their web versions, and test on real devices before handover.

WORK EXPERIENCE

Independent Product Builder 2026 – Present
Self-employed · Remote

- Designed, built, tested and deployed 8 products, including 4 mobile apps; owns requirements, UX, front end, Supabase backend, auth, deployment and post-launch support
- Delivered client systems for a crop farm, a broiler poultry farm and a boutique hotel, gathering requirements directly from owners and iterating from their feedback
- Tests releases end to end on real phones, tablets and laptops before handover; ships web apps alongside installable, offline-capable mobile versions (incl. Android APKs) sharing one backend

SELECTED PROJECTS

Furrow — Farm Business Ledger [Live · Client] 2026

- Web app + Android app replacing a farm owner's paper records: per-season records, expenses with receipt photos, trend charts, printable reports, CSV export
- Supabase (Postgres, auth incl. Google sign-in), JavaScript, installable PWA and Android APK syncing with the web app; deployed on Vercel

Flockwise — Broiler Poultry Ledger [Live · Client] 2026

- Web + offline mobile app for a broiler farm: per-batch costs from chick purchase, daily expenses, feed by the kg, and sales per customer at a per-bird price
- Prototyped with the owner, then redesigned to production standard; Supabase, JavaScript, Vercel (flockwise-three.vercel.app)

Crown Boutique Hotel — Website & Reservations [Prototype live · Client] 2026

- Brand-led, video- and photo-driven hotel website with a reservation flow that alerts the hotel on WhatsApp; staff Android app in prototype with role-based access

PayFlow — Personal Finance & Digital Wallet [Live] 2026

- Wallet, spend tracking, category budgets and AI-generated money insights, delivered as a web app plus installable offline mobile app (payflow-drab.vercel.app)
- Supabase auth and Postgres; real-money deposits (M-Pesa, bank, card via Paystack) in development

Business Simulator — Monte Carlo Planning Tool [In development] 2026

- Python tool that models any small business from a YAML file, with every number entered as a range, and simulates thousands of possible futures
- Shows median profit (P10/P90), chance of a loss, break-even and cash-runway risk, and compares plans on identical scenarios; NumPy, pandas, Streamlit, pytest

ProofWork — AI Talent Validation Platform [Production-ready]

- React + Supabase: auth, AI project analysis via Supabase Edge Functions and the OpenAI API, public Proof Feed, messaging, PayPal payments, admin dashboard

Also shipped

- **Adriken AI Marketplace** (natural-language service matching, Anthropic API) · **Lumora Foundation** (nonprofit site, brand identity, DNS, AI prompt generator) · **Sameta Benevolent** (community coordination platform)

EDUCATION

Jomo Kenyatta University of Agriculture and Technology (JKUAT) Sept 2024 – Present
B.Sc. Information Technology

Nairobi School Jan 2020 – Dec 2023
High School

SKILLS

Development: JavaScript, React, HTML/CSS, Python (NumPy, pandas, Streamlit, pytest), Supabase (Postgres, Auth, Edge Functions), Git/GitHub, Vercel, offline PWAs / Android APKs

AI: OpenAI and Anthropic API integration, prompt design

Languages: English (fluent) · Spanish (basic)

ACTIVITIES

Chess National Championship, Eldoret (2022) · Swimming and Rugby · Science Congress 2023, regional level (Nairobi School)