

David Uhumagho

Blockchain Developer · Backend Engineer · AI Engineer

Lagos, Nigeria · uhumaghodavid@gmail.com · github.com/David-Pjs · linkedin.com/in/david-uhumagho-89368033a · david-uhumagho-portfolio.vercel.app

I write software that reaches real users under real constraints. My first product replaced the paper notebook my mum ran her shop on and now runs in 3 shops. The study tool I built at 16 is used in classrooms today. **4x hackathon winner** across 6 entries, never below 3rd. Currently building onboarding infrastructure on Nervos CKB and backend systems for two student-facing products.

EXPERIENCE

- Blockchain Developer

Nervos CKB ecosystem

CURRENT

Building CKB Quest, a learn-to-earn onboarding track that takes developers from zero to a working CKB app with wallet-verified progress, plus Fiberfill, an inbound liquidity toolkit for CKB Fiber. Working directly in the cell/UTXO model.
- Backend Engineer

JackPals

CURRENT

Own the FastAPI service, auth, file processing and TTS pipeline for a student audio-learning platform built for low-end Android and expensive data.
- Backend Engineer & Tech Lead

SMAG

CURRENT

Lead the technical build and backend architecture for a university food-ordering platform.
- Founder & Developer

StockPoint · stockpoint.tech

CURRENT

Inventory and sales software running in 3 shops. Built it for my mum's shop; two more owners asked for it after seeing it work. Own frontend, backend, deployment and pricing. React · Node · Supabase · PostgreSQL · PWA/TWA.
- Growth Lead

Tennovatex Labs

CURRENT

Teen-focused technology community. Joined as a member, returned as growth lead after launch. Also organizing a NOUN student tech club.

SELECTED PROJECTS

- Aide

Voice-native work-and-pay platform for blind Nigerians. Every transaction ends in an SMS code, which is a wall, not friction. Open it and talk: find work, get paid, no screen at any step.
- Koya · Best Education Project, YPIT

Finds the hidden prerequisite gap under a class of sixty. A vision model reads photographed student working, grades against a verified key, names the one upstream gap and gives the teacher tomorrow's fix. Grounded in the NERDC scheme of work.
- Benkyoo · used in real classrooms

Built at 16 because I could not study without drowning in scattered PDFs. Teachers and students in secondary and higher institutions use it now.
- EduMind · Crave · Dig or Die

Three first-place hackathon builds: a multimodal AI tutor made in 24 hours across a Nigeria/Kenya/India team, a meal-decision tool with SMS fallback for users without smartphones, and a browser survival game.

30+ further repositories at github.com/David-Pjs

SKILLS

- BLOCKCHAIN

Nervos CKB, cell/UTXO model, wallet integration, testnet flows, CKB Fiber
- BACKEND

Node.js, Python, FastAPI, Express, REST, auth, PostgreSQL, Supabase
- AI

Claude API, Groq, DeepSeek, vision models, tool use, multi-agent orchestration
- FRONTEND

TypeScript, React, Next.js, Tailwind, PWA/TWA

EDUCATION

Computer Science, National Open University of Nigeria (in progress) · BoyCode Cybersecurity Certificate · three-month CKB learning track, documented publicly.