

ARINZE TIMOTHY

Software Developer — Backend, Mobile & Web3

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SUMMARY

Software developer who owns problems end to end: Django and PostgreSQL on the backend, Flutter for Android and iOS, Solidity on-chain. Shipped the patient-facing product of a telehealth application at Netsprin with a six-person team. Took a team to 2nd runner-up out of 50 in a national innovation challenge, building a multi-hospital EHR platform covered by Nigerian Tribune, The Guardian and Vanguard. Found and fixed a critical ownership-takeover vulnerability in a Solidity contract and published the audit.

TECHNICAL SKILLS

Backend: Python · Django · Django REST Framework · REST API design · PostgreSQL · MySQL

Mobile: Flutter · Dart · GetX · Android & iOS release builds

Frontend: JavaScript · TypeScript · React · Next.js · Tailwind CSS · HTML · CSS

Blockchain: Solidity · Hardhat · OpenZeppelin · Web3 · contract security review

Infrastructure: Docker · Git / GitHub · CI/CD · automated testing · Agile / Scrum

Integrations: Paystack · Flutterwave · Stripe · Firebase Cloud Messaging

EXPERIENCE

Mobile Developer (Flutter) — Netsprin

Jan 2024 – Oct 2024 · netsprin.com · Enugu, Nigeria

- Built the full patient-facing product of a telehealth application — appointment booking, medication reminders, medical records, health content and an AI chat assistant — shipped to Android and iOS from one Flutter codebase as one of six engineers.
- Worked across the client/server boundary, stress-testing REST endpoints and reshaping payload and error-handling contracts with the backend team where the interface exposed gaps.
- Integrated Firebase Cloud Messaging so server-scheduled clinical events reached patients as device notifications.

Software Developer (Contract) — Independent

Feb 2022 – Present · Enugu, Nigeria (Remote)

Client names withheld under NDA; engagement detail available on request.

- Designed, built and deployed production applications end to end for clients across e-commerce, real estate, healthcare records and fintech — Django and PostgreSQL on the backend, Flutter and modern web frontends on the client.
- Built REST APIs with Django REST Framework serving web and mobile clients from one backend, with token auth, pagination and structured error handling.
- Integrated payment gateways across African and global rails (Paystack, Flutterwave, Stripe) behind unified checkout flows, including webhook verification and reconciliation.
- Designed and optimised relational schemas for multi-tenant platforms; containerised deployments with Docker for development/production parity.
- Built and audited Solidity smart contracts, including a published audit of a critical ownership-takeover vulnerability.

SELECTED PROJECTS & RECOGNITION

Team Health Link — 2nd Runner-Up of 50 Teams, Vision Bling Tech Innovator Challenge · Dec 2022

Django · PostgreSQL · Team coordination

Coordinated a team through pitch and build to a top-3 finish out of 50 entrants (10 reached the final round), delivering a multi-hospital electronic health records platform where patient records are tracked and shared securely across facilities. Covered by Nigerian Tribune, The Guardian and Vanguard.

github.com/TimzonaTimothy/Django-EHR-System

Flutter E-Commerce Application

Flutter · Dart · GetX · Django REST Framework · Firebase

Shopping application running on Android and iOS from a single codebase: three payment providers (Paystack, Flutterwave, Stripe) behind one checkout flow, OTP registration, JWT authentication, order tracking and push notifications. Backend and mobile client both built solo.

github.com/TimzonaTimothy/flutter-ecom

Smart Contract Security Audit

Solidity

Identified and fixed a critical ownership-takeover vulnerability caused by an uninitialised storage pointer, and published the accompanying audit report.

github.com/TimzonaTimothy/smart-contract-security

Token Vesting dApp

Solidity · Hardhat · Next.js · TypeScript

Full-stack dApp where organisations lock tokens for stakeholders and release them on vesting completion. Deployed and live.

github.com/TimzonaTimothy/MetaCrafterERC20-Vesting-Project · vestingproject.vercel.app

EDUCATION

B.Sc. Computer Science — Enugu State University of Science and Technology (ESUT)

Apr 2020 – Aug 2025 · Enugu, Nigeria