

Timothy Adebogun

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Education

University of Lagos, Nigeria

Oct. 2023 – Present

Bachelor of Science in Insurance (Second class Upper)

Lagos State, Nigeria

Professional Experience

Cipherfort Security

Jan 2026 – June 2026

Software Engineer Intern - remote

Lagos, Nigeria

- Co-engineered AISEC platform, automating compliance-as-code supporting 6 global frameworks (ISO 27001, SOC 2, EU AI Act).
- Architected core marketing web infrastructure, optimizing performance and SEO metrics to capture enterprise B2B leads.
- Integrated automated compliance checks into CI/CD pipelines to enable real-time configuration readiness for SaaS clients.

Growpins AI

Oct 2024 – Dec 2025

Front End Developer - remote

Lagos, State

- Developed AI social commerce platform, automating storefront creation and product-readiness workflows for digital sellers.
- Orchestrated backend API integrations, managing complex data payload rendering and console-level data validation.

Pecafrika

May 2023 – Sep 2024

Mobile App Developer (Flutter & Dart) - remote

Lagos, Nigeria

- Co-developed real-estate mobile application, translating complex Figma layouts into uniform, responsive cross-platform UIs.
- Integrated Firebase infrastructure for cloud messaging and utilized Provider architectures for efficient client-side state management.
- Managed version control workflows by submitting structured pull requests to staging and main repositories via Git CLI.

Projects

ChargePadi | Python, Next.js, ESP32, Arduino IDE

June 2026

- Built IoT wireless charging prototype linking physical Qi charging hardware to a central Next.js web application.
- Architected QR-to-payment workflow, routing users to secure gateways to trigger microcontroller-timed power delivery.
- Developed admin dashboard from scratch to monitor live hardware telemetry, track transaction streams, and aggregate metrics.

AI Health Insurance Infrastructure (NHIS Compliance Engine) | Python, FastAPI, Next.js

May 2026

- Architected and engineered an AI-powered data infrastructure platform for Health Maintenance Organizations (HMOs) in Nigeria to automate traditional, manual health insurance claim processing.
- Developed high-performance backend pipelines using Python and FastAPI to eliminate the industry-standard 90-day claim settlement bottleneck.
- Replaced generic email submission frameworks with an intelligent dashboard that leverages automated AI models to audit claims for anomalies and verify structural compliance with National Health Insurance Scheme (NHIS) regulations prior to submission.

Survey Go | Next.js, python FastAPI

October 2025

- Built AI form builder workspace featuring an interactive drag-and-drop canvas editor for user journey mapping.
- Engineered dynamic UI components and progressive disclosure frameworks to smoothly render complex onboarding data flows.
- Integrated Google ADK pipelines to establish real-time, canvas-level field micro-generation and smart validation hints.

Technical Skills

Languages: Python, JavaScript, Dart, HTML/CSS, TypeScript, SQL

Developer Tools: Git CLI, GitHub, VS Code, Cursor, Google Cloud Platform, Android Studio, MongoDB

Technologies/Frameworks: Flutter, Next.js, Flask, FastAPI, Postman, React Native

Awards: Won first place at the first Café Cursor AI Buildathon in Lagos, Nigeria, securing a \$300 prize with a great team by developing a rapid Next.js e-commerce storefront integrated with Apple's native AR Quick Look viewer for local artisans in 90 minutes.