

Chukwunedu Nwabuokeyi

Software Engineer · AI/ML & Backend · Python · FastAPI · Node · MySQL

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github.com/Nedu2022 · Portfolio · LinkedIn

SUMMARY

I build AI products from start to finish: I train the model, build the API, and ship the app it runs in. I work with Python and FastAPI on the AI side and Node, Express, and MySQL on the backend. I have also added Paystack, Stripe, and PayPal payments to a live product.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python

Backend & APIs: Node.js, Express, FastAPI, REST API design, authentication flows, payment integrations

Databases: MySQL, Firebase

Payments & Integrations: Paystack, Stripe, PayPal

Testing & Tooling: Jest, Cypress, Git & collaborative workflows, Docker, Google Cloud Platform

Frontend: React, Next.js, React Native, Tailwind CSS

EXPERIENCE

Frontend Engineer - ShipPack (logistics platform)

Jun 2025–Apr 2026

- Added Paystack, Stripe, and PayPal payments by consuming their REST endpoints, covering checkout, wallet top-ups, and account upgrades for both local and international users.
- Consumed REST APIs across the business dashboard, driver app, and admin tools to drive live tracking, bulk shipments, returns, and role-based access.

Stack: Next.js, JavaScript, REST APIs, Paystack / Stripe / PayPal

Frontend Engineer Intern - Remita Payment Services

Apr 2025 – Oct 2025

- Helped build the Sync Profile service, a background job that keeps user data in sync across servers.
- Ran QA on the Admin / Action Mapping system and fixed 40+ logic conflicts during user-acceptance testing.

Stack: JavaScript, REST APIs, distributed services

SELECTED PROJECTS

School Administrative Portals - Anchor University Lagos

- Built the frontends for three of the university's internal admin systems (the postgraduate portal, the SDC portal, and the asset portal) and connected each one to its backend API.
- Replaced the old manual, paper-based workflows so staff and students could handle records, resources, and assets online.

Stack: React, Next.js, TypeScript, REST APIs

AI FoodScan / NutriPadi - B.Sc. thesis + HelpMum maternal-health hackathon

- Built the model that spots and names African dishes from a photo, then built the FastAPI backend that serves it to a React Native app.
- Added USDA nutrition lookup and maternal health tips in several languages and wrote a loader that skips corrupted images so training would not crash.

Stack: FastAPI, Python, PyTorch, React Native

Link: [Nutripaddi](#)

EcoLocate - recycling center locator

- Built a geolocation app that helps humans find nearby recycling centers and waste in their area

Link: [EcoLocate](#)

VOLUNTEER

Backend Development Instructor - NACOS Launchpad, Anchor University Lagos,

January 2025 - present

- Teach backend basics to a student group: JavaScript, Node, Express, REST APIs, CRUD, error handling, and Git.
- Build the lessons and code walkthroughs, including a Student Directory API. I teach the simple version first, then add error handling as an upgrade.

EDUCATION

B.Sc. Computer Science - Anchor University, Lagos.

September 2022 - August 2026

- First Class (expected). Final Year Project: AI FoodScan, a food recognition system for African dishes, served through a FastAPI backend. Organize the Anchor University AI Summit 2026.

CERTIFICATIONS

Back End Development and APIs - freeCodeCamp (2024)

Scientific Computing with Python - freeCodeCamp (2023)

MikroTik Certified Network Associate (MTCNA) - MikroTik (2025)