

Oluchi Tiffany Ugwunebo | Software Developer

[Github](#) | [Email](#) | [Portfolio](#) | [LinkedIn](#)

Professional Summary

Backend Software Engineer with experience building scalable, high-performance systems for SaaS and fintech platforms. Strong in Node.js, TypeScript, PostgreSQL, and API-first design. Proven impact: ~40% performance gains, ~70% faster deployments, >99.5% uptime. Experience in integrating AI/ML systems into production backends.

Core Skills

Backend: Node.js, TypeScript, NestJS, Django, REST APIs, API Integrations, JWT, OAuth2, Testing

Payments & External APIs: Flutterwave, Paystack, Nuvion, Leatherback, Yellowcard

Identity & Verification: MetaMap, Dojah (KYC)

Data: PostgreSQL, Redis, Knex

Architecture: Background Workers, Queues, Event-Driven Architectures, Webhooks

DevOps: Docker, CI/CD, AWS, Grafana, Loki, Virtual Machines (VMs)

AI/ML: GPT/LLM Integrations, ML Model Deployment

Work Experience

Risevest — Backend Engineer | *Jan 2026 – Present*

- Supported backend services for Risevest's investment and portfolio platform.
- Improved API reliability and performance for core financial features.

Applai Grants — Backend Engineer | *Oct 2025 – Feb 2026*

- Scaled backend for 3× user growth; cut API latency by ~40%.
- Implemented JWT/OAuth2/RBAC, reducing unauthorized access by ~95%.

RiseAcademy — Backend Engineer (Trainee) | *2025*

- Built 30+ REST APIs; integrated Stripe payments and FX services.
- Implemented monitoring; supported systems with >99.5% uptime.

HubbleMind — Machine Learning Engineer (Intern) | *Dec 2024 – Jan 2025*

- Built a coupon recommendation system, improving model accuracy by 20%.
- Documented model performance metrics for technical and stakeholder reports.

EISL Lab — Hardware Engineer (Intern) | *Jun 2024 – Nov 2024*

- Built a CNN-based flash flood detection system integrated with IoT devices.
- Optimized embedded systems for real-time monitoring, improving efficiency by ~20%.

Freelance Backend AI Engineer | *2022 – 2023*

- Built Django platforms and AI-powered backend solutions.

Selected Projects

PixelHive — Asynchronous media processing API (NestJS, Redis, PostgreSQL)

Ink & Keys — AI-powered writing platform with OCR and AI workflows

E-Chronicles — Real-time media platform with WebSockets, Redis, and matchmaking logic

Certifications

Devops Engineering — **She Codes Africa**, May 2026

Kubernetes and Cloud Native Essentials LFS250 — **Linux Foundation**, April 2026

Introduction to IoT and Embedded Systems — **University of California, Irvine (Coursera)**, Dec 2023

Design Thinking — **HP LIFE**, May 2025

Effective Leadership — **HP LIFE**, June 2025

Education

B.Eng. Computer Engineering (2019-2025) - Federal University of Technology, Minna