

NWORAH EBUKA AUGUSTUS

BACKEND WEB DEVELOPER

[portfolio](#) | nworahebuka.a@gmail.com | +2349134846838

GitHub: [King-Austin](#) | Location: Anambra, Nigeria

PROFESSIONAL SUMMARY

Results-driven Backend Developer and Electronic Engineering student with a focus on building secure, scalable systems. Proven track record in developing **cryptographic middleware**, **real-time academic solutions**, and **e-commerce platforms** for SMEs. Proficient in Python (Django/FastAPI) and Node.js, with a strong emphasis on API security, payment integrations, and database optimization.

SKILLS SUMMARY

- **Programming Languages:** Python, JavaScript (Node.js), SQL (PostgreSQL, MySQL, SQLite, MongoDB)
 - **Frameworks & Web:** Django, FastAPI, Express.js, RESTful APIs, Microservices
 - **DevOps & Tools:** Docker, Git, GitHub, Postman, CI/CD Fundamentals, Linux Scripting
 - **Core Competencies:** Cryptography (EdDSA, ECDH), Payment Gateway Integration, API Design & Security, Database Query Optimization, System Analytics, AI Prompting for Productivity
-

TECHNICAL PROJECTS

SecureCipher — Cryptographic Banking Middleware

Live: [securecipher.app](#) | GitHub: [King-Austin/securecipher-middleware](#)

Tech Stack: Django, Ed25519 (EdDSA), ECDH, PostgreSQL, REST API

- **Architected a dual-signature authentication system** using elliptic curve cryptography to secure communication between clients and banking APIs.
- **Developed a stateless API gateway** that validates user transactions with cryptographic signatures and server-side co-signatures.
- **Implemented end-to-end payload encryption**, ensuring sensitive financial data remains protected throughout the transaction lifecycle.

NworahSoft E-Commerce Suite — SME Growth Platform

Live: [nworahsoft-ecommerce-tan.vercel.app](#) | GitHub: [King-Austin/nworahsoft-laptops-hub](#)

Tech Stack: Node.js, Express.js, MongoDB, Paystack Integration, React

- **Developed a full-stack e-commerce engine** tailored for SMEs to digitize inventory and scale online visibility.
- **Integrated secure payment gateways** to automate transaction processing and streamline order fulfillment.
- **Built a personalized Analytics Dashboard** and Admin Portal to provide merchants with data-driven insights and seamless stock management.

Attendify — Digital Attendance Management System

GitHub: [King-Austin/ATTENDIFY-BACKEND](https://github.com/King-Austin/ATTENDIFY-BACKEND)

Tech Stack: Node.js, Express.js, MongoDB, JWT, Postman

- **Engineered a backend solution** to eliminate paper-based tracking in academic institutions, streamlining the attendance workflow.
- **Developed real-time check-in features** and automated reporting tools for faculty to monitor student participation.
- **Integrated JWT-based security** to ensure data integrity and prevent unauthorized access to academic records.

Smart CBT System — Digital Examination Platform

Tech Stack: Django, SQLite, Docker, JavaScript

- **Designed a Computer-Based Test (CBT) system** to replace paper exams, featuring automated scoring and randomized question delivery.
- **Built secure Role-Based Access Control (RBAC)** for Admins and Students to maintain exam integrity and data privacy.
- **Optimized database schema design** to handle high-concurrency during live exam sessions.

EDUCATION BACKGROUND

Bachelor of Electronic and Computer Engineering | Nov 2021 – Sept 2026

Nnamdi Azikiwe University, Awka

- **Relevant Coursework:** Embedded Systems, Computer Architecture, Digital Logic Design, and Circuit Analysis.

INTERESTS:

Networking | Backend Scripting | Cloud Hosting | System Optimization | Embedded Systems |
Cryptography | Creative Problem-Solving