Nathaniel Elo-Oghene Uriri

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EDUCATION

Veritas University   **Abuja**

B.Sc. in Computer Science 2nd class upper   *Graduated, August 2024*

- o **GPA:** 4.36/5.00,
- o **AWARDS & CERTIFICATES:** (AWARD) - Veritas Tech Innovator of the year 400L;

(CERTIFICATES Cisco Course Certifications) - PCAP™ – Certified Associate Python Programmer, CyberOps Associate;
(CERTIFICATES Udemy Course Certifications) - Figma UI UX Design Essentials, Complete Flutter Guide 2025: Build Android, iOS and Web apps,Python Network Programming - TCP/IP Socket Programming;

EXPERIENCE

Digital Guardians   **Abuja, Nigeria**

Head of Product & Innovation   **May 2025 – Present**

❖ *Docker, Nginx, Certbot, Linux Server Management, CI/CD, DevOps (Docker Compose)*

- Led the end-to-end deployment of a **government web application for Kogi State**, ensuring secure, reliable, and scalable infrastructure.
- Configured **Nginx** as a reverse proxy to efficiently manage traffic routing and improve application performance.
- **Containerised** and deployed all application services using **Docker Compose**, enabling consistent environment replication and simplified updates.
- Monitored server performance and uptime, applying proactive maintenance and optimisation to ensure uninterrupted public access.

Streamz   **Abuja, Nigeria**

Lead Mobile Developer & Product Designer   **Jan 2024 – Present**

❖ *Python(FastAPI), Flutter, React(NextJS), Figma, Docker, Vercel, MVC Architecture-frontend, Layered Architecture (DDD)-backend*

- Spearheaded the complete design lifecycle of a dating application MVP using Figma within **2 weeks**.
- Delivered the backend API endpoints using **Python (FastAPI)** for core functionalities.
- Designed **user-centric** mobile application interface with **Flutter**.
- Developed an admin interface using **NextJS**.

Crayonics   **Abuja, Nigeria**

Lead Backend Engineer   *Mar 2024 – April 2024*

❖ *Python(FastApi), MongoDb, Redis, Figma, Vercel,Layered Architecture (DDD)-backend, MVC Architecture-frontend, Flutter, GetX*

- Built API endpoints using Python (**FastAPI**) to implement authentication and resume parsing.
- Implemented gamification features (points, streaks, leaderboard, leveling) using Python.
- Delivered an internal Admin tool for feedback management, level configuration, and user analytics visualization Using **Flutter & Getx**.

3ni's Kitchen   **Abuja, Nigeria**

Backend Developer intern   *Mar 2024 – July 2024*

❖ *Firebase, Figma, Vercel, Paystack*

- Delivered a **Firebase**-driven hot plates recommendation engine by tracking and analyzing dish sales in real time.

- Gained hands-on expertise in payment gateway implementation by working with **Paystack** on a flutter WebApp.

247DoorDeliveryLimited **(Remote) London, UK**

Lead Web Developer **Dec 2023 – Present**

❖ *Wordpress, Flutter, Figma, Hostinger, Stripe*

- Optimized web platform with a **CMS**, increasing traffic by 25% through **SEO** plugins and enhancing security with consistent patching.
- Built a **full-stack Flutter Web App**, integrating **FastAPI** and **MongoDB** to automate site payments and cut delivery booking friction by 60%.
- Engineered an Admin mobile application featuring instant push alerts and dynamic package tracking, reducing delivery Conflicts by 40%.

PROJECTS

Doux landing page **Abuja, Nigeria**

June 2025 – Present

❖ *Figma, UI/UX Design, Collaboration, Prototyping, Visual Design*

- Contributed to the design of a high-impact landing page for Doux, a crypto spending solution, working closely with more experienced designers to refine concepts and improve design quality.
- Collaborated in iterative design sessions, adopting best practices in layout structure, visual hierarchy, and user-centric thinking while strengthening personal UI/UX fundamentals.
- Explored multiple design directions through wireframes and prototypes, applying feedback cycles to elevate clarity, consistency, and brand alignment.
- The project significantly enhanced my practical design skills, deepened my understanding of collaborative workflows, and improved my ability to translate product goals into polished user-facing visuals.

BMT Library WiFi Management System **Abuja, Nigeria**

Jul 2025 – Present

❖ *OpenWRT, RADIUS, Windows Server, MyHotspot, Networking, Systems Admin*

- Designed and deployed a reliable hotspot infrastructure for BMT Library using MyHotspot on Windows. Prior to final implementation, rigorously tested multiple captive portal solutions, including building a custom accounting backend and attempting a self-hosted RADIUS authentication server.
- Experimented with OpenWRT firmware on routers to support advanced features and network bridging. Trained library personnel in system management and user onboarding.
- Early statistics show a potential **10% increase in weekly revenue** from improved internet access offerings, with ongoing analysis in progress.

Customer Maintenance Tracking System **Bwari, Nigeria**

January 2025 – Jul 2025

❖ *Artificial Intelligence, T5-base, Transformer Model, Fine-tuning, Named Entity Recognition (NER), Vector Search*
- Led A Team To Use Artificial Intelligence (AI) and Machine Learning (ML) for maintenance Tracking
- Fine-tuned **T5-base Transformer** for task-specific maintenance tracking generation from email/spreadsheet data, validating outputs with NLP techniques (**NER**, vector search).
- Increased maintenance tracking efficiency by 86.3%, significantly reducing manual effort and enabling faster task completion.

Sign Language Translator **Bwari, Nigeria**

Feb 2024 – July 2024

❖ *Python (MediaPipe), Python (Streamlit), Visual Studio Code, LSTM, WebRTC, Tensorflow*

- Developed a **neural network** using **TensorFlow**, trained on sequenced frame-to-text data, achieving ~80% translation accuracy on Training-Test Data.
- Delivered a **Streamlit**-based web app for real-time sign recognition and translation, leveraging **WebRTC** for live frame streaming and server-side sign analysis.

R.A.G based Study Bot   **Bwari, Nigeria**
Feb 2024 – Aug 2025
❖ *Python (Langchain), Python (Streamlit), Visual Studio Code, NLP, Retrieval Augmented Generation*

- Engineered a personalized study assistant using **OpenAI LLM** to auto-generate summaries and questions from uploaded material And **Streamlit** for the UI.
- Developed a Lazy **R.A.G**. System for the question and answering Algorithm.
- Conducted **user research** for the platform, revealing a 36.7% higher likelihood of course success among users.

ACTIVITIES AND LEADERSHIP

Co-founder: Chowdude (In-campus Food Delivery Platform) - Played a key role in establishing and developing an in-campus food delivery platform.

SKILLS

Programming: Java, Python , JavaScript,Next.js, HTML/CSS, SQL, Mongo DB, Node.js, React.js,C++, FLutter (Dart)
Tools: Android Studio, , Jupyter Notebooks, Git, Bootstrap, Visual Studio Code, ODOO, Rive,Figma