Victory Abiodun-Omoniyi

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Software Engineer building scalable, maintainable web applications and blockchain-integrated systems. Experienced in React, Next.js, and the JavaScript ecosystem, with a strong foundation in systems engineering principles. I prioritize clean architecture, performance optimization, responsive design, and industry best practices to deliver reliable, user-centered solutions. Passionate about continuous learning, IoT, intelligent and embedded systems, and building technology that creates real-world impact.

Education

University of Lagos — Lagos, Nigeria

Bachelor of Science in Systems Engineering (CGPA - 4.61 /5.00) — Jan 2021 – Present

• Relevant Coursework: Mathematics, Electronics, Natural Language Processing, Mathematical Modeling & Artificial, Intelligence, Robotics, IoT, Embedded Systems, Operational Research, Control Theory, Product Planning & Quality Control.

Skills

Languages: Python, JavaScript, TypeScript, C/C++.
Frameworks: React, Bash, Tailwind CSS, ShadCN, Next.js, Jest, Bootstrap, Pytest, Node.js, Express.js.
Developer Tools: Git, GitHub Actions, Linux, VS Code, Arduino
Database : PostgreSQL, MongoDB, Redis
Core Strength : Git, GitHub Actions, Linux, VS Code, Arduino

Experience

Software Engineer — Mar 2025 – Present

Wekoya — Nigeria

- Built and shipped core features for Wekoya, a personalized learning platform focused on improving student engagement and outcomes.
- Developed scalable, user-centric interfaces and application logic using modern web technologies.
- Collaborated on system design and feature planning to support personalized learning paths, multimedia uploads, and gamified experiences.
- Implemented performance, reliability, and UX improvements to ensure a seamless learning experience across devices.
- Collaborated on feature planning using data-driven insights to optimize user retention and interaction time.

Frontend Engeering Intern — Dec 2023 – Mar 2024

Warlot — Nigeria

- Contributed to the development of decentralized storage infrastructure interfaces built on Sui blockchain.
- Implemented wallet interaction flows and optimized UI performance for Web3 user experience.
- Collaborated with backend engineers to structure JSON payloads and improve smart contract interaction handling.
- Assisted in improving load performance and reducing UI latency across storage dashboards.
- Built responsive and secure frontend interfaces integrating blockchain-based storage APIs.

Frontend Development Intern — May 2024 – Oct 2024

Nithub — Nigeria

- Developed and optimized React components for high-traffic pages, improving page load speed by 20%.
- Translated high-fidelity Figma/Adobe XD designs into pixel-perfect responsive interfaces.
- Implemented mobile-first responsive UI using Tailwind CSS and ensured cross-browser compatibility and performance optimization.
- Collaborated in a 3-person team to deploy features that increased user session time and engagement.

Projects

Eventvibes — Apr 2025 – Jun 2025

Link — Nigeria

- Developed and optimized React components for high-traffic pages, improving page load speed by 20% and enhancing user experience. Implemented responsive UI with Tailwind, ensuring cross-browser compatibility and mobile-first design.
- Collaborated with a 3-person team to design and deploy features, improving user engagement and boosting session time.

health_n_tech-fest website for MLSA UNILAG — Jun 2024 – Jan 2025

Link

- Contributed to the development of the Health_N_Tech Fest website, an event platform showcasing the intersection of health and technology. Built and maintained responsive user interfaces using Next.js and Tailwind CSS.
- Implemented interactive features and modern UI components to enhance usability and navigation.

GoCartz Dec 2024 – Mar 2024

ALX Software Engineering Portfolio Project

- Developed GoCartz, a frontend-focused e-commerce web application as part of the ALX Software Engineering program.
- Implemented responsive and user-friendly interfaces with a focus on usability and clean design.
- Applied version control best practices using Git and collaborated effectively within a project-based team environment.
- Strengthened frontend development skills through hands-on implementation of real-world features and workflows.

LEADERSHIP/VOLUNTEER EXPERIENCE

External Relations Team Lead Jun 2024 – present

Engineering Ladies Initiative UNILAG Nigeria

- Led on-site coordination for over 200 participants, streamlining registration and optimizing event flow to ensure a smooth and timely faculty competition schedule.
- Conducted hands-on coding workshops and tutoring sessions, focusing on fundamental software engineering concepts, methodologies and practical application.

Campus Ambassdor Sept 2024 – Apr 2025

Wetech Nigeria

- Delivered talks and presentations to students on tech opportunities, career pathways, and community involvement.
- Planned, coordinated, and executed virtual programs, workshops, and info sessions aimed at empowering women in tech.
- Created and supported creative initiatives and content to drive engagement, awareness, and community growth.

Learning Ambassdor Mar 2023 – Oct 2023

ALX Africa Nigeria

- Facilitated peer learning and supported students in a rigorous software engineering program.
- Guided discussions, encouraged accountability, and strengthened cohort collaboration.

Ushering Team Lead November 2023

GSDC UNILAG (DevFest Lagos Student Edition 2023) Nigeria

- Led the ushering unit for DevFest Lagos Student Edition 2023, coordinating volunteers to ensure smooth event operations.
- Managed crowd control and attendee flow, maintaining orderliness and a positive event experience.
- Developed on-ground strategies to enhance attendee engagement and satisfaction.
- Served as a first point of contact for attendees, providing guidance and responding to inquiries throughout the event.

Certifications

Software Engineer March 2024

ALX Africa View Certificate

Back-end Development Associate April 2024

Nitda View Certificate

Frontend Development May 2022

Side Hustle View Certificate