Osaro Ogbekhilu

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🔗 https://jay-dev-portfolio.vercel.app/

PROFILE

- Innovative and result-oriented Systems Engineering undergraduate with a strong foundation in operations research, statistical quality control and Excel-based analytics. Experienced in project management, event organization and digital content strategies, with a passion for leveraging technology to solve problems and enhance operational efficiency. Enthusiastic about applying analytical and technical skills to drive impactful solutions across diverse industries.
- Possesses significant experience in software engineering with a focus on Back-end Development
- A motivated and detail-oriented software developer with hands-on experience in building projects using modern web development technologies.
- Proven ability to work independently and in collaborative environments.

EDUCATION

Bsc. Systems Engineering   01/2020 – present
University of Lagos
- Expected year of graduation 2026

SKILLS

Soft Skills
- Creativity and problem solving skills
- Communication and Teamwork skills
- Good reasoning, calculation and analytical skills
- Process improvement and optimization
- Technical Writing and Reporting

TECHNICAL SKILLS

Programming Languages (Javascript(ES6+),TypeScript,Python, HTML5,CSS3,SQL),
Web Frameworks (Express.js,React.js,Next.js,Flask, Django, Tkinter), **Version Control** (Git), **State Management** (Redux)
Tools & Technologies (Vs Code, Vercel, Heroku, Prettier, ESLint, PostgreSQL, Postman, Lighthouse, JSON, REST APIs, Figma)

PROFESSIONAL EXPERIENCE

Software Engineering Intern   04/2025 – 10/2025
Cedarview Communications Limited   Lagos, Nigeria
- Built and deployed a custom full-stack **NOC Fault Logger** used by 5 departments to manage telecom incidents across Nigeria.
- Automated fault tracking and escalation workflows, reducing manual logging by **80%** and improving fault resolution speed by **35%**.
- Created real-time dashboards with advanced filtering and analytics, enhancing fault visibility and operational transparency across teams.
- Integrated PDF/Excel export features and custom date range filters, reducing report generation time by **60%**.
- Migrated backend from SQLite to **PostgreSQL** with soft-delete and auditing, boosting data reliability and production readiness.
- Improved user interface with **Tailwind CSS** and **Framer Motion**, leading to a **50% faster** internal adoption rate compared to legacy tools.

Web Developer(freelance)   08/2023 – present
                                                                                Lagos, Nigeria
- Collaborated with private clients to design and develop fully functional, custom web applications tailored to their specific needs, using **modern web development technologies**.
- Implemented **RESTful APIs** to allow efficient data exchange between client-side applications and servers, improving app performance.
- Integrated **third-party APIs** to extend functionality and enhance user experience.
- Conducted thorough **testing and debugging** to ensure the stability and security of applications before deployment.
- Provided ongoing **maintenance and support**, resolving bugs and implementing feature enhancements based on client feedback.

Data Analysis Contractor   04/2022 – 10/2024
Adron Homes & Properties   Lagos, Nigeria
- Responsible for the Mass Migration of Large amounts of Customer Data to a new Database storing Facility

BackEnd Developer Contractor   05/2024 – 06/2024

- Spearheaded the **creation** of a Weather app, incorporating intuitive patterns that optimized user experience
- Led the **development** and **maintenance** of **70%** of the Weather app, leveraging technologies such as **Flask** and **Vercel**.
- Collaborated closely with the design team, front-end developers, and stakeholders to seamlessly integrate back-end components into **system architecture**; achieved a **30%** increase in website performance and reduced load time by **2 seconds.**
- Conducted thorough **testing** and **debugging** to ensure the stability and quality of the **back-end** code.
- Performed a crucial role in identifying and resolving **performance** and **security** issues on the platform and implementing necessary improvements.

CERTIFICATIONS

Goldman Sachs Software Engineering Virtual Experience Program on Forage - September 2024 🔗

- Worked on a project focused on enhancing password database security to mitigate external attacks and leaks.
- Implemented robust measures to safeguard sensitive data, contributing to a more resilient software infrastructure.

PROJECTS

NOC Fault Logger   05/2025 – 06/2025
Full-stack Telecom Incident Management Platform

- Designed a real-time fault management system used across NOC, Service Delivery, and Field departments.
- Supported fault assignment, escalation tracking, inter-department transfers, historical logs, and exportable reports.
- Reduced ticket handoff delays by **40%** and cut fault follow-up times by **~2 hours on average**.
- Built with: **React**, **Tailwind CSS**, **Framer Motion**, **Node.js**, **Express**, **PostgreSQL**, **Sequelize**, **Vercel**.

Weatherify 🔗   04/2024 – 05/2024
Technologies used: Flask, CSS, Vercel, OpenWeatherMap API

- Developed a **weather forecasting web app** using **Python** and **Flask**, integrated with a third-party weather **API (OpenWeatherMap)** to provide real-time weather updates.
- Implemented dynamic search functionality, allowing users to input any city and retrieve current weather data such as temperature, humidity, wind speed, and general weather conditions.

Tranzl8 🔗   06/2024 – 07/2024
Technologies used: Flask, CSS, MyMemory Translation API, Vercel

- Created a web-based language translator using the **MyMemory Translation API** to translate text between various languages (e.g., English, Spanish, French).
- Integrated a user-friendly interface with selectable source and target languages.
- Emphasized responsive design to ensure compatibility across multiple devices.