

## ABAYOMI ROBERT ONAWOLE

+2349032633953 || [Abayomirobertonawole@gmail.com](mailto:Abayomirobertonawole@gmail.com) || [Github-vomex96](#) || [LinkedIn](#)

Abulegba, Lagos State, Nigeria.

### Summary

Passionate software developer with expertise in backend development, cloud technologies, and DevOps. Proficient in Python and JavaScript, with experience designing scalable APIs and building reliable applications. Adept in AWS, monitoring tools like Datadog, and improving performance and user experience through optimization. Eager to contribute to innovative teams and tackle complex technical challenges.

### Education

Federal University of Technology Akure, Akure, Nigeria Sept 2016 - July 2023  
**Bachelor of Engineering in Electrical and Electronic Engineering**

ALX\_Africa

**Computer Software Engineering Program** Aug 2023 – Sep.2024  
(Online-based program focused on software engineering principles)

### Technical skills

Core Competencies: RESTful APIs, Frontend and Backend Development, Cloud Architecture, DevOps

Programming Languages: Python (Proficient), JavaScript (Proficient)

Frontend: React.js, HTML, CSS

Backend: Flask, Node.js

Databases: MySQL, MongoDB, PostgreSQL

DevOps & Cloud: AWS (EC2, S3, Route 53), RabbitMQ, Docker, Terraform, Ansible, Nginx

Monitoring & Testing: Datadog, Pytest, Postman

Project Management: Trello, Jira

### Experience/Activities

**HNG virtual internship** July 2024 – Sept 2024  
DevOps Intern

- Developed a scalable messaging system using RabbitMQ and Celery with Python on Nginx, improving data exchange efficiency and system reliability.
- Deployed a static website on AWS EC2 with Nginx, enhancing scalability and reducing load times by 20%.
- Contributed to SwiftOrder, improving backend services and enhancing order processing speed by 15%.

**NIIT, Lagos, Nigeria** May 2021 - Sept 2021  
IT Intern

- Assisted in setting up and maintaining network and system infrastructure, achieving 99.5% uptime.
- Provided troubleshooting support, resolving hardware and software issues, and improving system performance.

**Tech Tummy Limited, Akure, Nigeria** Apr 2020 - Sept 2020  
Front-End Developer Intern

- Gained hands-on experience in web development using HTML, CSS, and JavaScript, contributing to the development of a functional Airbnb clone project.

- Collaborated in implementing key front-end features, enhancing user experience and responsiveness
- Collaborated on implementing dynamic front-end features, improving responsiveness by 40%.

## Project

---

### Food Delivery Website (MERN stack)

- Designed RESTful APIs for managing user authentication, order processing, and menu item CRUD operations.
- Integrated secure third-party payment gateways, ensuring PCI compliance and seamless transactions.
- Enhanced database performance by optimizing queries, reducing response times by 30%.

### Videography Website (MERN Stack + AWS S3)

- Developed a feature-rich API for real-time booking management, with seamless integration of AWS S3 for scalable media storage.
- Implemented Flutter wave for secure payments, ensuring smooth booking confirmations and refunds.
- Built an admin dashboard with JWT authentication, streamlining reservation management.

## Licenses & Certifications

---

- **AWS Certified Cloud Practitioner** In-view  
Skills: Cloud computing fundamentals, AWS services, cloud architecture, deployment, and management.
- **Professional Foundations** *ALX Africa* (Issued Oct 2024)  
Skills: Microsoft Office Suite, Jira, Google Workspace, Power point, Digital Etiquette,
- **Software Engineer** *ALX Africa* (Issued Sep 2024)  
Skills: Python, C, JavaScript, Node.js, Redis, React.js, Linux System Administration, Nginx, Network Administration.
- **DevOps Engineer** *HNG Tech* (Issued Aug 2024)  
Skills: DevOps tools, cloud computing, Deployment, and infrastructure management.
- **Fortinet Certified Fundamentals in Cybersecurity** *Fortinet* (Issued Aug 2024)  
Credential in cybersecurity fundamentals, emphasizing threat analysis and mitigation.
- **Introduction to the Threat Landscape 2.0** *Fortinet* (Issued Aug 2024)  
Credential in understanding cybersecurity threats and emerging risks.
- **CompTIA Network+ N10-008** *Udemy* (Issued Jul 2024)  
Skills: Networking, Cloud Computing, Network Security, Virtualization, Network Administration.
- **Career Essentials in System Administration – Microsoft & LinkedIn** (Issued Jun 2024)  
Skills: System Administration, Network Security, Network Administration.
- [Link to Certificates](#)

## Live Project Demos Link

---

- [Videography Booking Website](#): A feature-rich booking platform with AWS S3 integration and secure payment processing via Flutterwave. <https://photography-4.onrender.com/>
- [Food website](#): A dynamic food delivery application with intuitive user interfaces and real-time order tracking. <https://swiftorder.vercel.app/>