

Oluwadamilola Afolabi

Software/DevOps Engineer

Email: AfolabiOluwadamilolaT@gmail.com

[GitHub](#) | [Portfolio](#) | [LinkedIn](#)

Employment History

Omnibiz Africa, Lagos, Nigeria

A B2B eCommerce platform serving 65+ brands and 140,000+ retailers across multiple countries.

Senior Frontend Engineer

August 2022 – Present

- Spearheaded a comprehensive overhaul of the app's frontend system through migration to React 18, integrating robust auto-testing frameworks with Selenium that resulted in identifying critical errors before release cycles began.
- Introduced structured linting guidelines utilizing industry-standard tools like ESLint, cultivating an environment where individual contributions directly led to achieving 100% compliance with newly established code standards prior to project launches.
- Mentored a team of 5 junior engineers by providing technical guidance and conducting thorough code reviews: improved overall code quality, leading to error-free deployments for more than eight consecutive release cycles.

Nryde Ventures - Abuja, Nigeria

A ride hailing platform.

Senior Backend Engineer

March 2021 – November 2023

- Developed a suite of modular microservices built on the NestJS framework to ensure reliable application growth; facilitated seamless scaling processes which supported over 10k concurrent users and over 50k ride processes without latency issues.
- Deployed microservices using AWS EC2 instances on a Linux environment and configured Nginx as a reverse proxy, improving system reliability and reducing latency for over 10k concurrent users.
- Optimized data response times by implementing caching solutions with Apache Kafka and writing optimized database views and stored procedures, improving query performance and reducing response times by 30%.
- Developed automated tests within the TDD approach to verify core APIs, resulting in faster identification of bugs before reaching production, ultimately reducing deployment-related incidents by 40% during peak traffic periods.
- Integrated 10+ third-party services, including Google APIs and Twilio, OAuth; enhanced system functionality while improving user experience and increasing platform adoption by directly addressing user pain points.
- Developed and deployed a continuous integration pipeline using Git, Jenkins, and Docker for 6 microservices; reduced deployment time from an average of two hours to just ten minutes per service.

Calm Global Information Technologies - Lagos, Nigeria

Software/DevOps Engineer

December 2019 - February 2022

- Led a portfolio of 5+ projects in the health, social, and education sectors as a Fullstack Engineer; leveraged cross-functional collaboration to deliver solutions that improved user engagement by approximately 30% across all platforms.
- Executed advanced database optimization strategies, including the integration of stored procedures and materialized views, resulting in a significant reduction of average query execution time from 10 seconds to under 3 seconds.
- Led cross-functional teams as Team Lead, driving project success and mentoring over 6 junior developers.
- Enforced detailed documentation standards within the code submission process resulting in clear guidelines for identifying vulnerabilities; achieved an individual contribution rate of reducing bugs per pull request by at least two instances monthly.
- Mentored and guided over 6 junior engineers through complex backend challenges, improving code quality by implementing best practices that resulted in a notable reduction of bugs by 30% within three major projects.

Freelance

Freelance - Lagos, Nigeria

January 2019 – December 2019

Highlights:

- Developed and deployed 5 cross-platform applications utilizing diverse tech stacks like HTML, CSS, JS, Python/Laravel; improved application load times by an average of 40% across all platforms through optimized code.
- Leadership experience: Led a team of 8 to develop a successful mobile app using Flutter.
- Delivered successful software solutions to high-profile clients including SmartRob Technologies, City of David Church Atlanta, and SouthSea Shipyard; maintained over 95% client satisfaction by aligning projects with specific goals and objectives.
- Strong mentoring skills: Trained over 15 individuals in programming languages like Python, React, and PHP.

Skills

Languages: JavaScript/TypeScript, Java, Python, PHP

Frameworks: ReactJS, NextJS, Django, VueJS, NuxtJS, NestJS, ExpressJS, Laravel, Springboot

Server: IIS, Apache HTTP server, Nginx

Cloud Service: AWS, Azure

Database: SQL Server, MySQL, MongoDB and PostgreSQL/PostGIS

DevOps: Git, Docker, Kubernetes, Jenkins, Ansible, Terraform, Prometheus, Grafana, Linux

Education

University Of Lagos - Lagos, Nigeria

January 2019 – January 2020

Master of Science

Surveying and Geo-informatics Engineering

University Of Lagos - Lagos, Nigeria

November 2011 – November 2016

Bachelor of Science (Honors)

Surveying and Geo-informatics Engineering

Other

Google Cybersecurity certification

Coursera

- Assets, Threat landscapes, Risk management, Vulnerabilities and Security mindset.