

Shola Omofola

Full-Stack Software Engineer | Cloud & Infrastructure | AI Automation

+234 810 005 5090 • somofola@gmail.com • linkedin.com/in/sholaomofola • Lagos, Nigeria

PROFESSIONAL SUMMARY

Full-stack development and infrastructure leader with 13+ years of experience building and scaling enterprise web applications. Executive MBA with a foundation in Electrical & Electronics Engineering. Proven track record leading teams delivering solutions in Laravel, Django, and React, with hands-on expertise in AWS cloud architecture (EC2, S3, RDS, Lambda), containerization (Docker), and orchestration (Kubernetes). Skilled in API design, CI/CD, DevOps practice, and end-to-end technical leadership from requirements gathering through production deployment.

CORE SKILLS

Languages & Frameworks	PHP, Laravel, Python, Django, JavaScript, React
Cloud & Infrastructure	AWS (EC2, S3, RDS, Lambda), Oracle Cloud Infrastructure, Linux/VPS Administration, Docker, Kubernetes
DevOps & Automation	CI/CD Pipelines, n8n Workflow Automation, Git/GitHub
Databases	MySQL, PostgreSQL
API & Integration	REST APIs, Payment Gateways, SMPP Messaging Gateways
Leadership	Team Management, Agile Delivery, Technical Roadmapping, Mentorship

EXPERIENCE

Manager, Full Stack Development

Lagos Business School, Pan-Atlantic University | Sep 2023 – Present | Lagos, Nigeria (Hybrid)

- Lead a team of developers building and maintaining enterprise-grade applications across the institution.
- Oversee full-stack development using Laravel, Django, and React, delivering scalable, secure solutions.
- Manage cloud infrastructure on AWS (EC2, S3, RDS, Lambda) with CI/CD pipelines.
- Implement Docker and Kubernetes for application containerization and orchestration.
- Translate business requirements into technical roadmaps, improving system performance and user experience.
- Mentor junior engineers, embedding Agile, DevOps, and cloud architecture best practices.

Full Stack Developer

Lagos Business School, Pan-Atlantic University | Jan 2022 – Aug 2023 | Lagos, Nigeria

- Designed and deployed internal platforms including a case study repository and faculty publication management portal.
- Consolidated multiple applications into high-availability containers on AWS, reducing hosting costs by ~30%.
- Developed e-commerce and corporate applications, including a branded merchandise store (mstore.lbs.edu.ng) and a management publication hub (managementhub.lbs.edu.ng).
- Built the Meals Management System (meals.lbs.edu.ng), a web-based cafeteria ordering application that improved service efficiency by 50%.

Co-Founder & CTO

PassIDy | 2025 – Present | Sheffield, UK (Hybrid)

- Co-founded and lead technical direction for an AI-powered digital business card and event management SaaS platform.
- Own product architecture, infrastructure, and engineering execution as part of early-stage startup leadership.

Senior Web Developer

SunRay Technologies Ltd | Aug 2018 – Dec 2021 | Lagos, Nigeria

- Led server administration and upgrades for company web platforms, coordinating a team of developers to deliver client solutions on time.
- Directed product roadmaps, translating client requirements into business logic.
- Deployed a bulk SMS platform using telecom SMPP gateways for enterprise messaging (SunRay Messaging).
- Designed and deployed a crowdfunded food bank web application (Purple Food Bank – purplefb.tk) in PHP/MySQL with integrated payment processing.
- Developed a telemedicine application (Doctorr) enabling virtual consultations.
- Mentored graduate trainees in full-stack and mobile application development, with all completing training ahead of schedule.

Web Developer

Homeset Interiors Inc. | Jul 2016 – Aug 2018 | Lagos, Nigeria

- Built an e-commerce website (homeset.com.ng) with integrated payment solutions for Homeset Furniture & Lifestyle.
- Designed and maintained the website interface, ensuring high availability, and implemented cloud backup solutions for data integrity.

Web Developer

ProThink Technologies | Jan 2014 – Jul 2016 | Lagos, Nigeria

- Developed a mobile authentication system (ProductCare) to detect counterfeit products in circulation, in association with NAFDAC and SON objectives.
- Managed and troubleshooted Linux web servers (LAMP stack) and developed APIs to support upgraded company web frameworks.
- Configured and deployed a secure cloud-based VPS for company hosting, including secure email and DDoS protection.

Web Development Intern

ProThink Technologies | Feb 2012 – Sep 2012 | Lagos, Nigeria

- Gained hands-on experience in web development and prototyping using PHP, MySQL, HTML, Joomla, and WordPress.

KEY PROJECTS & ACHIEVEMENTS

ProductCare MAS (2015)

Developed a mobile authentication system to detect counterfeit products, in association with NAFDAC & SON.

Purple Foodbank (2020)

Built a crowdfunded food bank web application (purplefb.tk).

Case Study Repository (2022)

Built a repository platform for faculty and students (casestudy.lbs.edu.ng).

Centralized Cloud Deployment (2023)

Consolidated applications into centralized cloud containers, reducing hosting costs by ~30%.

Centralized Payment Hub (2025)

Built a scalable payment hub for programmes with API integration and cloud infrastructure.

SR Messaging (2018)

Deployed a bulk SMS platform for enterprise messaging using SMPP gateways.

Doctorr Telemedicine (2021)

Developed a telemedicine application enabling virtual consultations.

Cafeteria Management Solution (2022)

Implemented online meal ordering, reducing service time by 50%.

Programme & Faculty Management Platform (2024)

Built an end-to-end system covering attendance, certificates, feedback, and analytics.

Event Management Platform

Oversaw deployment and configuration of an event management system in partnership with a vendor.

CERTIFICATIONS

Oracle Cloud Infrastructure Certified Architect Associate

Oracle • 2025

OCI Certified Generative AI Professional

Oracle • 2025

Certified Kubernetes Application Developer (CKAD) Specialization
LearnKartS • 2025

Certified in Cybersecurity (CC)
ISC2 • 2023

Google Data Analytics Certificate
Coursera • 2023

Docker Essentials & Containerized Web Applications
Coursera • 2024

Diversity, Equity & Inclusion in Organizations
Rice University • 2025

EDUCATION

Executive MBA, Business Administration & Management
Institute of Management, Technology and Finance • 2023 – 2024

BEng, Electrical & Electronics Engineering
Federal University of Technology, Akure • 2007 – 2012
Second Class Upper • 3.79/5.0

Certificate, Web & Graphics Design
Riseup College • 2006 – 2007

UI/UX & Figma Design Certificate
Zero To Mastery Academy • 2022 – Present

VOLUNTEER EXPERIENCE

Committee Member — Africa Retail Congress
2022, 2023

Volunteer — Technext Coinference
2021