

TOLULOPE FAKOYA

DevOps Engineer

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Lagos, Nigeria 

EDUCATION

Babcock University

B.Sc Software Engineering

Ogun State, Nigeria.

- **Grade:** First-Class Honors
- **Relevant Coursework:** Algorithms and Data Structures, Database System Design-Implementation and Management, Linux System Administration.

SKILLS

- Jenkins
- Kubernetes
- Python
- Javascript
- Puppet
- Terraform
- Docker
- Networking
- AWS Services

SOFT SKILLS

- Teamwork
- Patience
- Flexibility
- Communication

CERTIFICATIONS

- **AWS Certified DevOps Engineer - Professional** [\[view\]](#).
- **AWS Certified Solutions Architect - Associate** [\[view\]](#).
- **PCAP** – Certified Associate in Python Programming [\[view\]](#)
- **ISC2 (CC)** - Certified in Cybersecurity [\[view\]](#).

MEMBERSHIP

ISC2 Member Dec 2023 - Present

world's leading member association for cybersecurity professionals

PROFESSIONAL EXPERIENCE

DevOps Engineer - Full Time

Datamellon | Oct 2023 - Present

- Implemented robust CI/CD pipelines using Jenkins and AWS CodePipeline, leading to a 60% decrease in deployment times and a 30% increase in deployment frequency.
- Automated routine tasks and workflows with Terraform and AWS Lambda, reducing manual intervention by 80%.
- Analyzed and optimized cloud spending, employing Reserved Instances and Spot Instances to achieve a 25% cost saving on AWS bills.
- Employed serverless architecture to architect and deploy scalable, cost-efficient solutions for clients, resulting in a 40% decrease in infrastructure expenses.
- Managed multiple projects simultaneously, meeting tight deadlines without compromising on quality, and maintaining a 95% on-time delivery rate..

System Administrator - Part Time

Azul Nigeria | Jan 2021 - Jun 2023

- Managed network infrastructure, including switches, routers, and firewalls, resulting in a 25% increase in network reliability and speed.
- Led incident response efforts for critical system failures, achieving a mean time to resolution (MTTR) of less than 1 hour.
- Developed scripts using PowerShell and Bash to automate routine tasks, reducing manual workload by 60%.
- Set up and maintained monitoring tools (e.g., Nagios, Zabbix) to track system health and performance, leading to a 50% reduction in downtime.

Backend Developer - Part Time

HIIT plc | Jan 2020 - Jul 2020

- Quickly adapted to new technologies and frameworks, ensuring the backend systems remained cutting-edge and efficient, leading to a 15% improvement in application performance..
- Designed optimized database schemas for PostgreSQL and MongoDB, improving query performance and reducing response times by 25%.
- Used Test-Driven Development (TDD) and extensive unit tests with PyTest and Joi, increasing code coverage to 90% and reducing production bugs.
- Worked collaboratively with cross-functional teams in an agile environment, fostering a culture of continuous improvement and achieving sprint goals consistently.