



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** [\[Click to view\]](#).
- **AWS Certified Solutions Architect - Associate** [\[Click to view\]](#).
- **Comptia Security +** - CompTIA Security+ ce [\[Click to view\]](#)
- **ISC2 (CC)** - Certified in Cybersecurity [\[Click to view\]](#).

MEMBERSHIP

ISC2 Member Dec 2023 - Present

world's leading member association for cybersecurity professionals

PROFESSIONAL EXPERIENCE

Lead Solutions Architect - Full Time

Vontech Group | Oct 2024 - Present

- Designed and developed AI solutions leveraging AWS services such as AWS Bedrock and SageMaker, this enabled clients accelerate their machine learning workflows and reduce model deployment times by 35%.
- Led migration efforts for 5+ startup clients, executing lift-and-shift strategies for existing infrastructure to AWS, reducing operational costs by 25% on average and improving system reliability.
- Integrated traditional AI workflows with AWS services such as AWS Lambda, Amazon RDS, and Amazon S3, enabling seamless data preprocessing, model training, and inference pipelines that reduced processing times by 25%
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DevOps Engineer - Full Time

Datamellon | Oct 2023 - Oct 2024

- 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.
- Implemented Large Language Model (LLM) agents to streamline in-house operations, improving infrastructure development speed by 40% through automation and advanced generative capabilities.

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.