IFEKIIKU PHILLIPS

AWS Certified Professional | Cloud Solutions Architect

🔗 cawicloud.com

CONTACT

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📞 07087751030

📅 14th June, 2002

🐙 github.com/ifekiiku

💼 Ifekiiku Phillips

CERTIFICATIONS

HND Mechanical Engineering 2024

AWS Solutions Architect – Associate 2024
[Verify]

AWS Certified Cloud Practitioner 2023
[Verify]

PROFESSIONAL SUMMARY

Ifekiiku Phillips helps businesses solve real problems with cloud technology — primarily on AWS. From reducing costs and tightening security to automating complex workflows, he designs cloud solutions that deliver measurable impact. Beyond architecture, he's a passionate cloud tutor — breaking down complex concepts into practical, hands-on projects that both businesses and learners can apply immediately.

With a background in Mechanical Engineering and a deep interest in tech, he specializes in turning bold cloud ideas into clear, useful solutions that make a difference.

PROFESSIONAL EXPERIENCE

Cloud Computing Intern - ALX Africa

- Designed and deployed WordPress website on AWS infrastructure using EC2, RDS, and VPC   May 2023 - Mar 2024

- Migrated research querying website to secure three-tier architecture with web, application, and database layers

ALX Africa Certificate of Completion

2024

[Verify]

Cloud Computing Professional Development

2024

[Verify]

NDG Linux Unhatched

2023

[Verify]

EDUCATION

The Polytechnic, Ibadan

Mechanical Engineering - HND

CGPA: 3.23/4.0 (Upper Credit) 2018 - 2024

ALX Africa

AWS Cloud Computing

2023 - 2024

SKILLS

Technical Skills

AWS Solutions Architecture

Infrastructure as Code (CloudFormation)

Serverless Computing   AWS Lambda

- Automated infrastructure deployments using AWS CloudFormation templates, reducing setup time by 60%
- Implemented high availability solutions including load balancers and auto-scaling groups
- Configured database servers with proper security groups and IAM policies following least privilege principle

Director of Academic Affairs - NIMechE-SF

Oct 2023 - Aug 2024

- Spearheaded educational technology integration for 200+ mechanical engineering students
- Developed and managed academic support programs that improved student performance by 25%
- Implemented innovative teaching approaches including cloud-based collaboration tools

PROJECTS

AI-Powered Customer Support Bot for SMEs

- Implemented an AI-powered chat bot (via Amazon Lex) that provides 24/7 automated customer support for SMEs
- Created an issue reporting system that sends user input to my email
- Built all with serverless infrastructure using AWS Lambda and API Gateway, and a plug-and-play frontend for integration into existing websites
- I fully documented this project on github
- GitHub: lex-bot-integration

Just-In-Time (JIT) Privileged Access Management – AWS

Amazon Linux 2 OS	Technical Documentation
CI/CD Pipelines	Prototypes and Wireframes (Figma)
Web Development	Python
AWS Identity and Access Management (AWS IAM)	

Soft Skills

Problem Solving	Adaptability
Teamwork & Collaboration	Active Listening
Effective Communication	Decision-Making
Tutoring	Analytical Thinking

- Developed a secure, time-bound IAM access system using AWS Lambda, API Gateway, Step Functions, and DynamoDB
- Implemented Just-In-Time access with TTL-enabled requests and temporary credentials using STS
- Created a fully documented CloudFormation template for easy deployment and replication
- Eliminated standing IAM privileges and aligned access control with security best practices
- GitHub: jit-aws-privileged-access

Intelligent AWS Cost Optimization Advisor

- Built a serverless solution using Lambda, Cost Explorer, EventBridge, SNS, and S3 to detect cost leaks in AWS accounts
- Scans daily for idle EC2 instances, unattached EBS volumes, and service cost spikes
- Automatically sends actionable reports via email and stores findings in S3 for audit/history
- Integrated with CloudWatch and IAM for secure execution and logging
- Includes a fully reusable CloudFormation template and GitHub documentation
- GitHub: serverless-cost-optimization

AWS WordPress Hosting Solution

- Architected and deployed highly available WordPress site using Amazon VPC, EC2, and RDS
- Implemented automated backups and monitoring using CloudWatch alarms
- Optimized costs by selecting appropriate instance types and implementing scaling policies

Secure Research Platform Migration

- Redesigned and migrated social science research platform to three-tier AWS architecture

- Enhanced security through proper network segmentation, SSL encryption, and database hardening

- Improved performance by 40% through load balancing and caching implementation