Adeniyi Islamiat Aderonke

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Professional Summary

I am a consistent, resilient, and results-driven **Cloud & DevOps enthusiast** with hands-on experience in AWS services, including IAM, S3, EC2, VPC, Route 53, Lambda, API Gateway, Auto Scaling, and Cloud Watch, as well as infrastructure automation using Terraform. Skilled in Jenkins CI/CD pipelines, server less application development, and scalable cloud architecture, I have a proven track record of delivering technical solutions under pressure and meeting project deadlines. I am eager to contribute to your company by applying my cloud computing expertise and strong commitment to continuous learning and innovation.

Technical Skills

- **Cloud Computing Platforms:** AWS (IAM, S3, EC2, VPC, Route 53, RDS, Auto Scaling, CloudWatch, Lambda, API Gateway)
- **Serverless Technologies:** AWS Lambda, API Gateway, DynamoDB (Basic)
- **DevOps Tools:** Jenkins, Terraform, Git, GitHub, Docker.
- **Web Technologies:** HTML, CSS (Basic)
- **Monitoring & Optimization:** AWS CloudWatch, AWS Cost Management
- **Productivity Tools:** Microsoft Office Suite, CorelDraw
- **Configuration Management**: AWS Systems Manager
- **Scripting:** Bash (basic), JSON, YAML
- **Operating Systems**: Linux (basic administration), Windows

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Professional Experience

Teach For Nigeria – Fellow & Asistant Tech Lead   *Sep 2023 – Present*

- Designed and deployed a cloud-based resource hub using AWS S3, improving access to STEM learning materials by **40% in 3 months**.
- Created a serverless application using AWS Lambda + API Gateway for on-demand lesson content, handling **1,500+ monthly requests** with zero downtime.
- Configured AWS IAM roles and policies with least-privilege access, preventing unauthorized access incidents.
- Set up Jenkins pipelines for automated updates to AWS-hosted resources, reducing manual deployment time by **60%**.

- Automated EC2 instance provisioning for cloud labs with Terraform, cutting environment setup time by **70%**.
- Integrated CloudWatch alarms for monitoring and automated actions, reducing downtime by **90%**.

NEPA Staff School – STEM & ICT INSTRUCTOR,   *Delta State | 2016 – 2023*

- Migrated school's digital resources to AWS S3 with versioning, ensuring **100% recovery capability** for lost/corrupted files.
- Built and hosted a school project website on AWS EC2 with Route 53, increasing online engagement by **35%**.
- Developed a serverless student project submission system using AWS Lambda and S3 triggers, automating processing of **all submissions**.
- Created Terraform scripts for provisioning cloud-based ICT lab environments, saving **2+ hours** of setup time per session.
- Integrated Jenkins for CI/CD of student tech projects to AWS, ensuring continuous delivery with **zero downtime**.

Project Contributions

- **Serverless Quiz App:** Built AWS Lambda + API Gateway + DynamoDB application for instant student assessments.
- **AWS EC2 Auto Recovery:** Configured CloudWatch alarms for automated EC2 recovery, reducing downtime to **<5 minutes**.
- **Jenkins CI/CD Pipeline:** Developed pipelines for automated builds and deployments to AWS EC2 and S3.
- **S3 Static Website Hosting:** Hosted static event site on AWS S3 with Route 53, achieving **99.9% uptime**.
- **Terraform Infrastructure Automation:** Created reusable Terraform modules for EC2, S3, and IAM, reducing manual errors by **80%**.

Education

B.Sc. (Ed) Chemistry – University of Ilorin, kwara state.   2016

References: Available upon request