ILIYA VICTOR SIMON
DevOps Engineer

Abuja, Nigeria| (+234) 7064426443|victoriliya15@gmail.com

VictorIliya.com | linkedin.com/in/victor-iliya

PROFESSIONAL SUMMARY

I am a DevOps Engineer with about a year of experience in web development, leveraging AI technologies and cloud services. I am adept at designing and building scalable, secure and highly available architectures to solve complex problems. I am passionate about leveraging modern cloud technologies such as AWS, scripting with Python, provisioning resources with Infrastructure as Code (Terraform), and optimizing workflows with CI/CD pipelines.

TECHNICAL SKILLS

- **Cloud and Infrastructure:** AWS, CI/CD (GitHub Actions, AWS Code Pipeline), IaC (Terraform, CloudFormation).
- **Automation and Scripting:** Python, Bash.
- **Version Control and Collaboration:** Git, GitHub.
- **Containerization:** Docker.

CERTIFICATIONS

- AWS Certified Developer – Associate (Credential).
- AWS Certified Solutions Architect – Associate (Credential).

TECHNICAL PROJECTS

Deployment of Network Traffic Classifier web-app to AWS using Terraform and CI/CD

- Developed and deployed a network traffic classification web application using **HTML, CSS, JavaScript**, and **Flask**, then containerized it with Docker.

- Provisioned and managed infrastructure using **Terraform** to set up the VPC, Application Load Balancer (ALB), ECS clusters, and VPC endpoints, ensuring a scalable and secure deployment architecture to deploy the web-app.

- Automated **CI/CD** pipelines using **GitHub Actions** to build, test, and push Docker images to **Amazon ECR**, ensuring consistent and reliable deployment of the latest application versions.

AWS Cloud Resume Challenge

- Built a portfolio website using NextJS and hosted it in an **Amazon S3 bucket** and used **CloudFront** as my Content Delivery Network (CDN) reducing latency by **45%**
- Created a DynamoDB database to store the view count of the website and wrote a **lambda function** to both increment the view count in the database as well as retrieve the view count for the website.
- Leveraged Route53 to purchase my domain name and hosted zone, then I used **AWS Certificate Manager** to Obtain an **SSL Certificate** for my domain name and linked it to my **CloudFront.**

EXPERIENCE

Information Systems Intern | Transcorp Hilton, Abuja
Abuja, Nigeria

May 2023 – September 2023
Networking, Cisco

- **Collaborated** with team members to upgrade Wi-Fi access points from Wi-Fi 4 to Wi-Fi 6 resulting to a significant increase in internet speeds as well as its range.
- **Facilitated** the configurations of upgraded routers and access points, ensuring seamless integration into the existing network.
- **Troubleshot** problems with systems and devices and rectified the problems according.

EDUCATION

Afe Babalola University, Ado-Ekiti – *Bachelor of Engineering in Computer Engineering (**First Class Honors**).*