ILIYA VICTOR SIMON

Cloud Engineer

Abuja, Nigeria| (+234) 7064426443|victoriliya15@gmail.com
Github.com/VSI12 | linkedin.com/in/victor-iliya

PROFESSIONAL SUMMARY

I am a Cloud 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, including AWS, python, Infrastructure as Code (Terraform) and concepts such as CI/CD.

TECHNICAL SKILLS

- **Cloud and Infrastructure:** AWS, CI/CD (GitHub Actions, AWS Code Pipeline), IaC (Terraform)
- **Automation and Scripting:** Python
- **Front-End Development:** HTML, CSS, JavaScript, ReactJS, NextJS
- **Back-End Development**: Flask, Python
- **Version Control and Collaboration:** Git, GitHub

CERTIFICATIONS

- AWS Certified Cloud Practitioner (Credential)
- AWS Certified Solutions Architect – Associate (Credential)

TECHNICAL PROJECTS

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.**

Intrusion Detection System

- Developed a web application using **HTML, JavaScript, CSS**, and Flask to classify network traffic as malicious or normal based on log data.
- Trained a machine learning model on the **NSL-KDD dataset** using the **Scikit-learn library** to enhance detection accuracy.
- Visualized prediction outcomes with a **confusion matrix** to evaluate and interpret the model's performance effectively.

EXPERIENCE

Information Systems Intern | Transcorp Hilton, Abuja   May 2023 – September 2023
Abuja, Nigeria   Networking, Cisco

- **Collaborated** with team members to upgrade Wi-Fi access points from Wi-Fi 4 to Wi-Fi 6 giving a 60% increase in internet speeds
- **Facilitated** the configurations of upgraded routers and access points, ensuring seamless integration into the existing network.
- **Conducted server** updates to maintain and ensure system stability and security.

EDUCATION

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