VICTOR AYI BONDZIE-MICAH

+233(0)559277605 | Accra, Ghana | victorbondzie49@gmail.com |

www.linkedin.com/in/victorbondzie-micah

PROJECT EXPERIENCE

- Network Topology Design: Designed and implemented a small-scale network topology using Cisco. Packet Tracer to simulate real-world networking scenarios, ensuring functionality and performance optimization.

- VLAN Configuration: Configured VLANs and inter-VLAN routing on Cisco switches to improve network segmentation and security.

- Dynamic Routing Implementation: Deployed and tested the OSPF routing protocol in a simulated network environment, achieving efficient and dynamic routing.

- Network Discovery: Practiced network discovery using CDP (Cisco Discovery Protocol) and LLDP to identify and document connected devices in a network.

- Basic Network Security: Implemented Access Control Lists (ACLs) to restrict unauthorized traffic within a simulated network environment

- Security-Integrated IaC Pipeline: Automated security validation in IaC pipelines by integrating Checkov and AWS

- Static Portfolio Website: Hosted a personal portfolio website using Amazon S3 and integrated CloudFront (CDN), reducing global latency by ~40% and ensuring 99.99% availability.

SKILLS

Cloud Platforms: AWS, Oracle

Languages: Python, SQL,

Operating Systems: Linux, Windows

Network Architecture: IP addressing, LAN/WAN topology design, VLANs, Spine/Leaf architectures with underlay/overlay topologies, SDN

Routing / Switching technologies: Proficient in managing Cisco routers and switches, OSPF, BGP policies and route manipulation, Multicast concepts, inter-VLAN routing, STP, and EtherChannel configurations

Design and documentation: Detailed Requirements gathering and Diagramming using LLDP and CDP

Security: Knowledge of Fortigate firewalls, strong understanding of basic network security concepts including, Virtual Private Network (VPNs), Access Control List (ACL) and Secure Remote Access (SSH).

Troubleshooting: Hands on experience in using network troubleshooting tools such as SNMP, Traceroute, and Ping.

Infrastructure as Code: Terraform, CloudFormation.

EDUCATION

AWS Cloud Intensive Training | Azubi Africa | Online | May 2025 - Sept 2025

Kofi Annan Centre for Excellence | May 2023 - March 2024

BSc Mathematics | University of Ghana, Legon | August 2017 - June 2021

CERTIFICATIONS

AWS Solutions Architect – Associate (SAA-C03) | September 2025

Cisco Certified Network Associate (CCNA) | September 2024