Tolulope Orelesi

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Summary

Network Security Engineer with a passion for emerging solutions in Network security. Proficient in configuring, troubleshooting and optimizing Next Generation Firewalls, VPNs and security appliances to protect both on prem and cloud environments.

Technical Skills

- VPN & Remote Access: GlobalProtect, IPsec VPN, SSL VPN.
- Cloud Security: AWS Security Groups, AWS NACLs
- Networking Protocols: TCP/IP, BGP, OSPF, VLAN, NAT

Key Accomplishments

- Global Protect VPN configuration
- Network segmentation
- Deployed SSL decryption

Certification

- CompTIA Security+

Professional Experience

Washington Metropolitan Area Transit Authority

Network Security Engineer | Jan 2024 – Present

• Lead configuration and management of Palo Alto firewalls, VPN tunnels, and NAT policies.
• Monitored network traffic using tools such as Wireshark and implemented segmentation using VLANs.
• Performed SSL decryption, high availability configuration, and supported firewall upgrades.
• Built hands-on lab environments and executed real-world tasks such as packet captures, troubleshooting HA links, and App-ID-based security policy implementation.
• Worked extensively on routing (BGP, OSPF), dynamic NAT, static routing, and Layer 2/3 interfaces.

S & C Consulting

Network Security Engineer | Jan 2021 – April 2024

- Provided cybersecurity support for client networks and cloud environments.
- Assisted with the configuration of secure AWS architectures (VPC peering, security groups, IAM policies).
- Participated in vulnerability assessments and system hardening efforts.
- Supported users through technical issues related to network access and firewall rules.
- Collaborated on projects involving Cisco ISE, SSL VPNs, and Palo Alto-based segmentation.

Education

- Bowie State University – Bachelor of Science in Computer Technology (2025)
- Prince George's Community College – Associate of Science in Information Technology (2020)