

Edward C. OKOTO

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NETWORK ENGINEER

Professional Summary

Dedicated network engineer with a focus on using my skills, experience, and education to provide high-quality service delivery and customer satisfaction/experience, with over 8 years of work experience, which includes monitoring, implementing and maintaining complex network infrastructure and IP services. Proficient in network troubleshooting and network administration. Good knowledge of network security including VPN,ACL and firewalls in general. Adept at optimizing network performance, and a strong background in Cisco, Cambium and Huawei and other industry network devices, with a proven ability to lead technical teams.

Skills

- **Network Implementation:** LAN/WAN, BGP, OSPF
 - **Hardware & Software:** Cisco,Fortinet,Juniper, Huawei, Cambium.
 - **Security:** Firewalls, VPN, Network Access Control
 - **Protocols:** TCP/IP, DNS, DHCP, HTTP/S, FTP,NTP, SNMP
 - **Monitoring & Analysis:** Wireshark, Nagios, cnMeastro,SolarWinds, PRTG,etc.
 - **Operating Systems:** Linux, Windows, IOS
 - **Virtualization & Cloud:** VMware
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Certifications & Training

- ISO 27001 Information Security Management (Training with certification)
 - Cisco Certified Network Associate(CCNA) & Cisco Certified Network Professional(CCP) (Trainings without certification)
 - Cisco Certified Network Associate(CCNA) (Certification)
 - Cisco Certified Network Professional (CCNP) (Certification In-View)
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Professional Experience

Network Engineer (Team Lead),Network Operations.

Swift Networks Limited,Lagos,Nigeria

Jan 2019 – July 2022

- Implement, maintain, and manage large-scale distribution network and provide enterprise network solutions to support over 15,000 users.
- Managed more than 100 cell sites across Lagos sub-zone.
- Lead a team of 8 network engineers and 10 technicians in day-to-day network operations and network implementations.
- Managed network infrastructure for swift-networks Ltd including installation, configuration, and maintenance of network hardware and software.
- Optimize network performance through quality network monitoring and implementing traffic policing and other QoS configuration when necessary as advised by the enterprise department.
- Worked closely with the enterprise team lead to resolve technical network issues as it relate to enterprise customers.
- Conduct regular network assessments, identifying and resolving potential issues to ensure 99.99% uptime.
- Collaborate with other IT departments to integrate network solutions with enterprise applications.

Network Operations Center Engineer(NOC ENGINEER),Primary Role.

Swift Network Limited,Lagos,Nigeria.

Jan 2014 – December 2018.

- Troubleshoot and resolve complex network issues, minimizing downtime and improving network reliability.
- Conduct network performance monitoring and analysis, generating reports and making recommendations for improvements.
- Monitor network performance and troubleshoot issues using network monitoring dashboards.
- Escalate network issues according to company structured escalating procedure while acting as the first line of troubleshooting network issues.
- Ensure the availability and reliability of network infrastructure, including routers, switches, and firewalls.
- Document network issues, resolutions, and procedures for future reference and knowledge sharing.

- Conduct basic troubleshooting for network issues and escalated complex problems to senior engineers.
 - Provide technical support to end-users and internal teams.
 - Provide on-call support for network-related issues.
 - Bench testing of all newly acquired network devices for the company.
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Network CORE IP Engineer,Secondary Role.

Swift Network Limited,Lagos,Nigeria.

Jan 2015 – December 2017.

- Support the senior IP core Engineer in IP scalability and high-performance IP network infrastructure.
 - Support the senior IP core Engineer to manage and optimize BGP and OSPF routing protocols to ensure efficient network traffic flow.
 - Support the senior IP core Engineer to perform advanced troubleshooting and resolution of complex network issues to minimize downtime.
 - Support the senior IP core Engineer to develop and document network designs, configurations, and procedures.
 - Support the senior IP core Engineer to collaborate with cross-functional teams to support network integration and migration projects.
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Education

MSC Computer Network Administration and Management

University of Portsmouth,United Kingdom
Graduated,Distinction with Honors: Nov 2023

B. ENG Electrical/Electronics Engineering

University of Benin,Nigeria
Graduated,Second Class Upper with Honors: July 2012

Major Project.

- **BTS Migration** : Supervise the migration of network transceivers, routing and switching equipment to new collocation vendor , bringing the project, operations and IP core network teams to work in sync while ensuring seamless transition of all active connecting customers.
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Additional Information

- Strong problem-solving and analytical skills.
- Excellent communication and interpersonal abilities.
- Ability to manage multiple high-priority tasks in a fast-paced environment.
- Willingness to participate in on-call rotations and provide after-hours support.
- Promote positive work environment.

References

Available upon request.
