

IKECHUKWU OFOEGBU

NETWORK & SECURITY SOLUTIONS SPECIALIST

Edmonton, Alberta | hello@ikayofogbu.com

PROFESSIONAL SUMMARY

Network & Security Solutions Specialist with 7+ years of experience delivering and supporting enterprise networking, security, identity, hybrid cloud, and infrastructure environments. Hands-on experience with Cisco routing and switching, Catalyst, LAN/WAN, VLANs, VPNs, enterprise wireless, Cisco ASA, Check Point, Cisco Secure Workload, Azure, Microsoft Entra ID, Microsoft 365, Splunk, and SolarWinds. Led enterprise Zero Trust microsegmentation implementation and supported campus-wide network deployments, combining technical implementation, troubleshooting, security analysis, documentation, stakeholder coordination, and operational handover.

CORE TECHNICAL SKILLS

Networking: Cisco Catalyst, Routing & Switching, LAN/WAN, VLANs, OSPF, BGP, VPN, DHCP/DNS, QoS

Wireless: Ruckus Wireless, Enterprise Wi-Fi, Access Point Deployment, Connectivity & Coverage Validation

Microsoft Platforms: Microsoft 365, Exchange Online, SharePoint Online, Teams, Windows Server

Infrastructure: VMware, Hyper-V, Veeam, Backup & Disaster Recovery

Network Security: Cisco Secure Workload, Zero Trust, Microsegmentation, Cisco ASA, Check Point, Network Segmentation

Cloud & Identity: Microsoft Azure, Hybrid Networking, Microsoft Entra ID, Active Directory, IAM, Least Privilege

Monitoring & Operations: Splunk, SolarWinds, Incident / Change / Problem Management, Root Cause Analysis

Automation & Documentation: PowerShell, Python, Architecture Diagrams, Runbooks, SOPs, Implementation Documentation

PROFESSIONAL EXPERIENCE

Senior Network Analyst | Government of Alberta | Edmonton, AB | Feb 2025 - Nov 2025 | Full-time Contract

- Led technical implementation of an enterprise Zero Trust microsegmentation initiative using Cisco Secure Workload, coordinating with application, infrastructure, network, and security teams through analysis, implementation, production enforcement, and operational handover.
- Designed and supported secure hybrid connectivity between on-premises and Microsoft Azure environments, including routing, traffic analysis, workload communication reviews, and troubleshooting of complex connectivity issues.
- Analyzed application traffic, infrastructure dependencies, policy gaps, and potential failure points; identified undocumented dependencies before enforcement and prevented potential production outages.
- Collaborated with technical and business stakeholders to implement least-privilege access controls and securely onboard enterprise workloads within the Government of Alberta Zero Trust architecture.
- Acted as an escalation point for complex production network and infrastructure incidents, performing root cause analysis and coordinating resolution across technical teams.
- Developed architecture diagrams, implementation records, technical documentation, operational runbooks, and SOPs to support technical reviews, change activities, and ongoing operations.

IT Support Analyst | Various Companies (Contract) | Ontario, Canada | May 2022 - Present | Part-time Contract

- Provided Tier 2/3 support across Windows Server, Active Directory, Microsoft Entra ID, VMware/Hyper-V, Microsoft 365, and enterprise network environments, resolving complex infrastructure and user-impacting incidents.
- Supported infrastructure implementation activities including office setups, relocations, device refreshes, migrations, staging, deployment, decommissioning, and onsite Smart Hands support.
- Administered Microsoft Entra ID and Active Directory accounts, group memberships, access requests, and identity lifecycle activities while supporting least-privilege and access governance requirements.
- Supported and troubleshooted Exchange Online, SharePoint Online, and Microsoft Teams and maintained technical documentation, service records, and standard operating procedures.
- Administered Veeam backup and recovery processes and supported infrastructure monitoring, performance analysis, resource optimization, and service reliability.

Network Analyst | Skystar Global Solutions | Lagos, Nigeria | Jan 2018 - Aug 2021 | Full-time

- Managed and troubleshot enterprise routing, switching, firewall, LAN/WAN, VLAN, DHCP/DNS, VPN, Cisco Catalyst, and wireless environments, including OSPF and BGP connectivity issues.
- Coordinated network infrastructure deployment activities for Babcock University's campus-wide Metropolitan Area Network (MAN) project, working with university stakeholders, vendors, fibre installation teams, and internal technical resources across multiple campus locations.
- Supported deployment of Ruckus wireless access infrastructure and associated network equipment; performed post-installation testing and acceptance checks for wireless coverage, connectivity, reliability, and reach.
- Coordinated deployment schedules, equipment tracking, procurement support, vendor activities, implementation documentation, and progress reporting during the campus network rollout.
- Implemented network security controls and access policies and supported Cisco ASA / firewall administration, infrastructure upgrades, patching, hardening, backup, and disaster recovery activities.

IT Support Analyst | Skystar Global Solutions | Lagos, Nigeria | Nov 2016 - Dec 2017 | Full-time

- Installed and configured Cisco routers and switches across LAN/WAN environments and supported network infrastructure deployments.
- Provided onsite and remote technical support, monitored infrastructure health and system logs, and resolved network and system issues to minimize service disruption.

EDUCATION & CERTIFICATIONS

B.Sc. Computer Science - Godfrey Okoye University | WES evaluated as a Canadian B.Sc. | 2011-2015

Diploma, Computer Engineering Technology - NAIT | 2021-2024

Certifications: Cisco Certified Network Associate (CCNA) | Sophos Certified Associate | Ruckus Cloudpath & SmartZone Associate