

Steven Clement

LEAD NETWORK ENGINEER

Lewis Center, OH

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Summary

Accomplished Senior Network Engineer with extensive expertise in enterprise network infrastructure and emerging AI-integrated solutions. Proven track record of leading complex data center migrations, implementing advanced security frameworks, and optimizing network performance across global environments. Demonstrated excellence in automation, mentoring teams, and delivering innovative solutions that enhance operational efficiency and security posture. Committed to leveraging cutting-edge technologies including AI and machine learning to transform network operations and drive business value.

Work Experience

Lumen

Columbus, Ohio

LEAD ENGINEER

March 2025 - Present

- Leading strategic technology initiatives and architecture decisions for enterprise network infrastructure
- Successfully migrated over 1,000 network devices during a complex managed takeover project, ensuring seamless service transition

Safelite

Columbus, Ohio

SR. NETWORK ENGINEER

June 2024 - March 2025

- Led complex data center migration projects, ensuring zero-downtime transitions and optimal performance
- Deployed, managed, and troubleshooted Cisco ISE (Identity Services Engine) for enterprise authentication
- Executed comprehensive routing, authentication, and security infrastructure projects
- Administered DHCP and DNS services using Infoblox for enterprise-wide network management
- Resolved complex wireless networking issues and optimized RF performance

Lumen Technologies

Columbus, Ohio

SR. NETWORK ENGINEER

Mar. 2010 - June 2024

- Configured and troubleshooted enterprise network infrastructure including switches, routers, firewalls, and load balancers from leading vendors: Cisco, Juniper, Fortinet, Checkpoint, Palo Alto, F5, and A10
- Expert-level Cisco implementation with Nexus 9K, ACI fabric, IOS platforms, ASA firewalls, Meraki cloud-managed solutions, and FMC/FTD next-generation security appliances
- Advanced Juniper MX series deployment with VLAN segmentation and SDN VXLAN overlay technologies
- F5 LTM configuration specializing in SSL offloading, load balancing algorithms, and complex application delivery troubleshooting
- Maintained proactive security posture by monitoring vulnerabilities, implementing security best practices, and executing timely upgrades in response to critical CVEs
- Engineered multi-AS BGP routing configurations and established peering relationships with customers and tier-1 network providers
- Delivered exceptional service to 200+ managed enterprise customers across 50+ global data centers spanning North America, Europe, and Asia
- Performed advanced packet-level analysis using tcpdump and Wireshark for complex network troubleshooting
- Developed comprehensive automation solutions using Python, Ansible, and Itential, including automated backup workflows for 100+ F5 LTM devices
- Architected end-to-end automation workflows integrating Itential, Ansible, Python, and JavaScript with REST APIs for network devices, Remedy, and ServiceNow
- Served as key tester and contributor on ServiceNow implementation team
- Mentored junior engineers, providing technical guidance and professional development support
- Maintained comprehensive documentation for emerging technologies and standardized processes
- Consistently achieved top-tier KPI performance rankings across global network engineering organization with 9-block rating of 9

Qwest

Lewis Center, OH

TECHNICAL SERVICES GROUP LEAD

Jan. 2008 - Mar. 2010

- Managed comprehensive data center operations including equipment deployment, rack optimization, power distribution, and structured cabling systems
- Designed and implemented customer network architectures, server configurations, and enterprise storage solutions
- Maintained and optimized Cisco network infrastructure ensuring high availability and performance
- Administered heterogeneous server environments including Sun Solaris, Red Hat Linux, and Windows Server platforms
- Developed custom database applications and workflow tracking tools to enhance operational efficiency

Certificates

Mar, 2025 **AI Solutions on Cisco Infrastructure Essentials**, Cisco

Feb, 2025 **Fortinet Certified Associate - Cybersecurity**, Fortinet

Jan, 2025 **Microsoft Azure AI Fundamentals**, Microsoft

Dec, 2024 **Cisco Certified Network Professional (CCNP Enterprise)**, Cisco

Dec, 2024 **Cisco Enterprise Wireless Design Specialist**, Cisco

May, 2024 **Cisco Certified Network Associate (CCNA)**, Cisco

Mar, 2024 **Microsoft Azure Fundamentals**, Microsoft

Sep, 2023 **Juniper Mist Training**, Juniper Networks

Jan, 2023 **(EDU-330) Firewall Troubleshooting**, Palo Alto

Sep, 2022 **(EDU-210) Firewall Essentials: Configuration and Management**, Palo Alto

Mar, 2022 **Securing Networks with Cisco Firepower Next Generation Firewall**, Cisco

Feb, 2022 **Linux Tools for Developers**, Coursera

Feb, 2022 **Open Source Software Development Methods**, Coursera

Feb, 2022 **Open Source Software Development, Linux and Git**, The Linux Foundation

May, 2021 **IDEV102: Itential Adapter Essentials II, IDEV110: Itential Product Essentials, IWD110: Tasks and Transitions, IAP101**, Itential

Jan, 2021 **Data Structures, Algorithmic Toolbox**, Coursera

May, 2020 **Amateur Radio License (Technician)**, FCC

Security+, CompTIA

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Skills

Network Troubleshooting	Expert packet analysis using Wireshark, tcpdump, and advanced debugging tools
Unix/Linux Systems	Advanced Linux administration, shell scripting, and automation
Cloud & DevOps	Azure, AWS, GCP, Docker, Ansible, Itential, Git, infrastructure automation
Wireless Technologies	Cisco, Meraki, Juniper Mist wireless design and RF optimization
Artificial Intelligence	AI integration, generative AI, machine learning, computer vision, NLP
Programming & Scripting	Python, JavaScript, PowerShell, C/C++, Bash, Ansible, pyATS
Security & Firewall Technologies	Next-gen firewalls, IPSec/SSL VPN, application ID, threat prevention
Application Delivery	Load balancer configuration, TCL scripting, SSL termination, SNAT

Education

University of Louisiana at Lafayette

BACHELOR OF ARTS IN HISTORY, MINOR IN ENGLISH

Lafayette, LA

1998