

Steven J. Williams

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SUMMARY

Experienced, innovative, and versatile technical asset with a broad range of highly evolved skills in the information technology field including; Networking, Systems, Security, and Virtualization. Recommending and influencing high level technology solutions and implementations for organizations of all sizes with various business objectives and challenges. Constant evaluation and monitoring of networks and systems to provide the best efficiency and performance for current business applications and cloud applications. Recognized for strong understanding and troubleshooting of network architecture and systems within the organization when inconsistencies in performance occur.

QUALIFICATIONS

- Palo Alto Certified (PCNSA)
- Cisco Certified (CCNA, CCNP)
- Datacenter Management
- Firewall, Router, and Switch Configuration
- LAN/WAN Management
- Storage Area Networking
- Network Monitoring
- Defining processes and standards

CORE COMPETENCY AREAS

- Network/Datacenter Infrastructure Architecture/Design and Implementation
- Cisco R&S, Datacenter, Security, and Wireless
- Cisco Applications: Cisco Prime, Cisco ISE, DUO Security, Cisco Sourcefire
- HIPAA, SOX, and PCI DSS/Card Production Compliance Practices
- Microsoft Server and Desktop Technologies
- Storage Solutions including NetApp and EMC
- Solarwinds Orion Monitoring Technologies
- VMware Technologies
- SD-WAN technologies including VeloCloud, Meraki, and Cloudgenix
- Palo Alto Firewalls/Palo Alto Panorama/Palo Alto Expedition
- Cloud Based Networking with AWS
- F5 LTM Load Balancers

EDUCATION

- **Bachelor of Science in Information Technology**
Network Management Concentration
Colorado Technical University Online

2008 - 2013
Colorado Springs, CO

PROFESSIONAL EXPERIENCE

Network Architect - Lead

State of Tennessee

Jan. 2020 to Present

Nashville, TN

Network Architect Lead for the State of Tennessee focusing on solution design and business development as it relates to information technology. Providing technical guidance on networking and communication solutions, product plans, and roadmaps for the organizations needs. Collaborating with teammates to create and design relevant solutions with the organization and clients needs in mind. Responsibility in developing and delivering professional proposals and design documentation for all technology recommended solutions.

Senior Network Engineer

CPI Card Group

Aug. 2018 to Jan. 2020

Nashville, TN

Senior Network Engineer for highly regulated PCI DSS/Card Production organization. Duties include managing and monitoring network servers, switches, and routers utilizing Solarwinds and Splunk. Applying configuration modifications to Cisco routers, switches, and Nexus platforms to satisfy user, management, and project requests with proper ITIL change management process. Evaluating new technologies for new and additional functionality for current and future business needs and requirements.

Projects consisted of replacing existing network cores at multiple locations with new Cisco Cat9k switches and Cisco 5500x series core/edge firewalls for PCI traffic segmentation and internet/edge security for multiple locations. Cisco ISE server deployment and migration from legacy ISE servers. Cisco ISE and Anyconnect integration with DUO MFA and ISE Network Posture/NAC.

Member of Architecture Review Board that is accountable to the Executive Board which delegates to it the design of a coherent Enterprise Architecture and the establishment, maintenance and enforcement of Business and IT Strategy throughout an organization.

Senior Network Engineer

Bridgestone of Americas

Jan. 2018 to Aug. 2018

Nashville, TN

Senior Level Network Engineer working as part of the enterprise network team in a multi-location, largely outsourced environment with large ISP. Daily involvement with incidents and problems reported by the business and other organizational units as well as other internal enterprise teams. Working with technical management and sourced providers to build networks that effectively reflect the overall business needs, service-level and availability requirements while keeping financial restraints in mind. Designing and recommending overall architecture of network and telecommunications system, including hardware, software, and security to meet overall business needs. Involvement of developing an overall organizational plan to move remote sites and retail operation sites to a SD-WAN solution which includes Meaki and Cisco Viptela. Project management to new site deployment for outsourced vendors verifying all infrastructure components are ordered, delivered, and installed to organizational standards. Creation and overview of any changes within the enterprise that are handed off to the managed services provider as well as involvement with the change management board to guarantee successful delivery of scheduled changes.

Network Architect
Centerstone

Aug. 2017 to Jan. 2018
Nashville, TN

Fulfilling the organizational role as a Network Architect to analyze business requirements to develop technical network solutions to address the growth and needs of the organizations technology roadmap. Constant monitoring, analyzing, and optimizing of multiple locations to create a better network for application delivery. Researching and exploring new methods and technologies to reduce cost and increase efficiency and redundancy within the network infrastructure. Staying in tune with latest security threats and placing careful consideration to known and new threats when designing a network solution. Projects have included complete migration of Cisco ASA firewalls to Palo Alto firewalls leveraging URL filtering and threat prevention to reduce edge network vulnerabilities. Driving a SD-WAN solution for multiple locations that will eliminate the need for legacy VPN tunnels/MPLS and allow for more branch site flexibility as it pertains to internet access, web filtering, security, and routing and business applications.

Sr. Network Engineer
National General (Formerly Direct General Auto Insurance)

Oct. 2016 to Aug. 2017
Nashville, TN

Senior level Network Engineer for a multi-location organization that spans over 400 sites ranging from large datacenters to small remote offices running VeloCloud SD-WAN. Regular involvement in complete LAN/WAN development, including IP address planning, designing, installation, configuration, and testing. Administering organizations switching technologies including; creating and managing VLANs, Port-Security, STP, and inter VLAN routing. Installation and configuration of Cisco equipment including Catalyst 6500, 4500-x, 3750-x, 2960-x, and Nexus 5500 and 2000 products. Designing, Implementing and Troubleshooting Cisco Routers and Switches using various routing protocols within the enterprise network. Securing network devices, end users both wired and wireless using 802.1x technologies leveraging products like Aruba Clear Pass and Cisco ISE. Network monitoring and optimization using platforms such as Solarwinds Orion, Cisco Prime, and Live Action.

Network Engineer
CPI Card Group (Formerly EFT Source)

Jun. 2015 to Oct. 2016
Nashville, TN

Network Engineer for PCI regulated organization. Daily duties include managing and monitoring network servers, switches, and routers utilizing Nagios, PRTG, and Splunk. Applying configuration modifications to Cisco routers, switches, and Nexus platforms to satisfy user, management, and project requests. Implementation and configuration of Cisco Wireless controllers and access points. Configuration of Cisco ISE to manage guest wireless access and authentication for corporate wireless and leveraging TACACS for access of all network equipment.

Projects consisted of replacing existing network core with new Cisco 4500x core switches and Cisco 5585x core firewalls for PCI traffic segmentation. Upgrading backbone connectivity to 10G to provide high throughput for organizational application demands. Implementation and configuration of disaster recovery site to mirror the production datacenter for proper BCP requirements.

Other duties include VMware, Windows Servers, Active Directory, DHCP, DNS, SAN switching with Cisco MDS.

Network Architect
Southwestern Advantage

Dec. 2014 to Jun. 2015
Nashville, TN

Day to day Cisco Unified Communications Manager configuration and modifications to satisfy end user requests. Daily modifications to Cisco ASA firewalls in a PCI DSS environment. Configure and maintain Solarwinds NPM for network monitoring and configure alerts for critical outages.

Other duties include Cisco routing and switching and VMware.

Network Engineer

WEX Fleet One (Formerly Fleet One)

Sept. 2014 to Dec. 2014

Antioch, TN

Configuration and installation of Nexus 5000 for server consolidation and 10G backbone migration. Configuration and installation of Cisco WSA using WCCP for content web filtering in an HA pair. Deployment of replacement Cisco ASA 5500x series firewalls to upgrade current ASA firewalls for organization corporate office.

Network Engineer (Contractor)

Deloitte Touché Tohmatsu Limited

Apr. 2014 to Sept. 2014

Hermitage, TN

Daily troubleshooting of F5 LTM/GTM configurations and Cisco routing and switching. Daily service tickets for modifications to F5 Virtual Servers and Pools as requested by customers and development teams. Change requests for datacenter switches as needed by the server and storage team to satisfy connectivity to organizational network.

Technologies included F5, Cisco Nexus 5k/7k and ASR1000.

Network Engineer

Kennametal Inc. (Formerly Allegheny Technologies Inc. – Tungsten Materials)

Jul. 2012 to Apr. 2014

La Vergne, TN

Network/Systems Engineer for multi-location LAN/WAN network and being primary onsite SME for one of many datacenters within the overall organization. Daily duties involve managing and monitoring network servers, switches, and routers utilizing Solarwinds Orion and NetApp OnCommand Balance. Configuration modifications to Cisco routers, switches, and Nexus platforms to satisfy user and project requirements. Virtual Server and Storage Infrastructure monitoring and management of storage provisioning, compression, and de-duplication.

Projects consisted of replacing existing network core with Nexus 5548's and implementing a Layer-3 collapsed core design leveraging vPC for network multipath connectivity. Upgrading all backbone connectivity to 10G and extending it to the access layer to provide high throughput for organizational application demands. Migrated over 50 physical HP servers to a VMware infrastructure on Cisco UCS with NetApp 3220 SAN's. Multiple site refresh on all edge switching with Cisco Catalyst 2960's to provide PoE for VoIP phones and Cisco Wireless.

Network Engineer

Rockford Public Schools District #205

Aug. 2010 to Jul. 2012

Rockford, IL

Network Engineer for multi-location school district consisting of 54 locations throughout the city limits. Concentrated in Cisco Routing and Switching maintaining over 600 devices district wide in the areas of configuration, troubleshooting, and security. Managing and maintaining Cisco Wireless district wide which included over 1800 access points and multiple wireless controllers.

Projects consisted of district wide configuration of Cisco Energywise to control power for all Cisco Access Points. Configuration of Cisco switches security including DHCP snooping, DAI, and Port-Security to satisfy district wide security policy.

Other duties included network monitoring with Solarwinds Orion Network Performance Monitor and Network Configuration Manager.