Bethel Williamson, JNCIA, JNCIS-SP, A+, Network+

**2143 Waterway Lane, Snellville, GA 30078 Email: bethel2143@yahoo.com**

**Phone: 678.491.4713**

## CAREER SUMMARY

Demonstrated extensive experience designing, installing and troubleshooting complex customer and service provider network changes and upgrades. Expertise includes enterprise and service provider class routers, switches, firewalls, VPNs and VoIP solutions. Created Methods of Procedure (MOP) to deploy changes and upgrades to core and access class network elements. Previously held the following certifications: CCNA, CCDA, CCNP, CCDP, CCNP Security, CCNP Voice, A+, Security+, Cisco Certified Academic Instructor(CCAI) MCT, MCSE and Certified Cisco Systems Instructor(CCSI). Extensive experience teaching and supporting network layers 1 through 7 and working with complex network routing protocols. Strong familiarity with Cisco Systems equipment: engineering, quoting and end user delivery. Developed Technical Project Management (TPM) plans using Microsoft Project to track the deployment of new and upgraded network elements.

## TECHNICAL EMPLOYMENT SUMMARY

**Cisco Systems, Inc.** (2017 to present), Instructor/Content Developer

-Teach the following courses:

Stealthwatch for System Administrators (SSA), Stealthwatch for Security Operations (SSO), Stealthwatch for Network Operations (SNO), Proactive Hunting and Detection (PHD) and Stealthwatch Advanced Tuning (SWAT).

-Develop customer Use Cases to deploy Stealthwatch in their networks.

-Research new and emerging security threats and technologies.

-Develop webinars for end customers that are deploying Stealthwatch.

**The Quikrete Companies** (2016 to 2017), Network Engineer

-Provide Tier 3 support to helpdesk technicians for routing, switching, voice,

Internet access and firewall issues.

-Plan, design and configure Cisco ASA Firewall upgrades for 5505 to 5506 and 5520 to 5525-X.

-Work with primary service Provider (ATT) to resolve MPLS VPN outages and circuit upgrades.

-Configure Metro Ethernet data circuits to upgrade from 50 Mbps to 100 Mbps.

-Plan, design and configure new and upgraded Internet access to remote sites

-Plan, design and configure replacement of legacy phones and voice mail systems with Cisco CallManager

Express/Cisco Unity Express systems

-Plan and design security infrastructure upgrades for routing, switching, IPS, FW and VPN.

-Plan, design and configure Layer 2 switching solution for Cisco Catalyst 3850.

-Plan and design upgrade from Cisco Unified Communications Manager 8.5 to 10.5.

-Plan and design upgrade from Cisco Unity Connection 8.5 to 10.5.

**Cox Communications, Inc.** (2013 to 2016), IP Operations Engineer

-Analyze router configurations and hardware interfaces for Juniper Networks MX2020, MX960, T640, T1600, PTX5000, EX8200 and EX4200 to determine configuration changes.

-Utilize Remedy ticket reporting system to schedule backbone router changes.

-Create methods of procedure (configuration changes) to update router during maintenance windows.

-Add new or additional MPLS capacity for One Gig, 10 Gig and 100 Gig circuits.

-Coordinate Cisco ASR 9001(EtherChannel) to Juniper Router(Link Aggregation Group) IEEE 802.3ad compliant connectivity with local market technicians.

-Completed courses in IT Project Management, Cisco Aggregation Services Route 9000 Series Essentials, Juniper MPLS/VPN and Junos Intermediate Routing. Completed JNCIA and JNCIS-SP certifications.

-Configured Cisco Nexus 5596 to support network connectivity and service deployment.

-Completed course in IT Project Management.

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**IBM Corporation** (2012 to 2013), Security Consultant

-Analyze customer requests for rule changes to Cisco PIX (6.x) and ASA Firewalls (7.x, 8.x) that are part of a Managed Security Solution (MSS).

-Research changes for large, complex State government network.

-Develop proposals to deploy changes for interfaces, access control lists, NAT, Static and Global configurations that are managed by the Security Operations Center (SOC)..

Troubleshoot network configurations using Packet Tracer, Packet Capture, show and debug commands.

**-**Planned, analyzed and configured IPSec Site to Site VPNs.

-Completed Deploying Cisco ASA Firewall Features (642-618) exam.

**New Horizons Computer Learning Center** (2011 to 2012) Technical Instructor

-Technical Instructor for CompTIA's A+, Network+, Security+ and Cisco Certified Network Associate (CCNA).

-Provide technical assistance and support to students completing on-demand courses covering a variety of technical subjects including Cisco, Microsoft and CompTIA.

-Designed and deployed two student pods with seven routers and five switches per pod for students studying for the CCNA.

**Network/Information Technology Consultant** (2008-2011)

-Planned and installed complex network changes: routing, switching, security and VOIP.

-Planned and installed new hardware platforms and software applications for desktops and servers.

-Planned the installation and deployment of file, print and remote access servers.

-Designed, deployed and installed remote access connectivity to connect branch office to corporate office. The designed included core and access switches, branch routers and upgrading IOS on core router.

**Verizon Communications** (2001 to 2008), Systems Engineer-IV

-Planned and deployed network changes: routing, switching, security and VOIP.

-Created and delivered presentations to senior managers covering network infrastructure changes.

-Created and presented data product (LAN/WAN) training for sales account managers.

- Selected as a member of the Verizon Communications Leadership Development Program.

-Analyzed network traffic, reported results to customers and recommended network changes.

-Planned, analyzed and installed Cisco VPN and PIX firewall systems.

-Planned, installed and supported IP and Unified Communications installations for core and remote sites.

-Trained end users on use of IP and Unified Communications and reported installation results and issues.

-Designed core network upgrades including router and access switches. Design included IOS image and memory upgrades to core router and switches for VoIP connection to PBX.

**Cisco Systems, Inc.** (2000 to 2001), Systems Engineer

-Created complex engineering designs to recommend changes to increase network performance.

-Planned and deployed network changes: routing, switching, security and VOIP.

-Created and delivered presentations to senior managers covering network infrastructure changes.

-Planned, installed and supported IP and Unified Communications installations for core and remote sites.

-Trained end users on use of IP and Unified Communications and reported installation results and issues.

-Analyzed network traffic, reported results to customers and recommended network changes.

-Designed core network upgrades including core router, core and access switches. Design included IOS image and memory upgrades to core router and switches for VoIP connection to PBX.

## INTERNETWORKING TECHNOLOGIES

Ethernet, Frame Relay, ATM, SONET, T1/T3, DSL, ISDN, TCP/IP, IPX/SPX, NAT, BGP, DNS, OSPF, EIGRP, ISIS, IPSEC, VPN, QOS, MPLS, IP Telephony and Voice Over (IP, ATM and FR)

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**INTERNETWORKING EQUIPMENT**

**Cisco Systems:** 12000, 7500, 7600, 7200, 4500, 3810, 3600, 3700, 2600, 2500, 6500, 5500, 3500, 2900,

PIX 500, ASA 5500, 5800, 5300, ONS 15454 and CallManager/Unity Voice Mail

**Juniper Networks:** MX2020, MX960, T640, T1600, PTX5000, EX8200 and EX4200

## EDUCATION

Drake University, Des Moines, IA, Bachelors