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Summary

My biggest career goal right now is to remain 100% remote so that I can optimize my physical and mental health while continuing progress in my career.

Desired roles:

Site Reliability Engineer

Network Architect

Technical Lead

DevOps Engineer

Network Security Engineer

Network Operations Manager

Cloud computing

Software-defined networking (SDN)

Network virtualization

Automation

Data

A results-focused and detail-oriented experienced technology professional in my 8th year of extensive experience leading engineering, operations, and support of complex and mission critical networks. Proven record of consistently delivering effective and innovative solutions to complex problems. Verified ability to provide infrastructure that is secure, reliable, and high performing, with a focus on delivering smooth experiences for stakeholders and clients using lead edge technologies.

SKILLS & EXPERTISE

- Network Engineering
- Border Gateway Protocol (BGP)
- Technical Configuration
- Operations & Maintenance
- Agile Methodologies
- Network Administration
- Network Programmability
- Virtual Private Network (VPN)
- Open Shortest Path First (OSPF)
- Multiple Label Switching (MPLS)
- Technical Thought Leadership
- Juniper and Cisco Hardware

Current Certifications

* CCNA

Desired Certifications

* LPIC-1

- * Cisco DevNet
- * Palo Alto
- * Juniper DevOps
- * Juniper MIST AI
- * Microsoft Azure
- * Cisco Meraki
- * PMP
- * AWS
- * Cisco ENCORA

Experience



Network Engineer III

Amazon

Oct 2022 - Apr 2023 (7 months)

In my role at Amazon via Apex Systems, I utilized my industry experience to support the development and implementation of digital solutions. As a Network Engineer III, my role was pivotal in configuring new equipment in the datacenter, and contributing to a culture of automation.

Key Responsibilities & Achievements:

- Gathering, verifying, and uploading data to AWS version control repositories.
- Configuring Linux hosts and Juniper TOR devices in a DevOps style approach. Utilizing scripts written in Python.
- Leveraging my deep understanding of IP networking fundamentals and application of IP protocols to ensure seamless network operations.
- Utilize my strong network analysis fundamentals and troubleshooting skills to identify, diagnose, and resolve complex network issues promptly.
- Exhibit expertise in a wide range of protocols and technologies, including DWDM, T1/DS1, DS3, SONET (OC3, OC48), 802.2/3, 802.1d VLANs/STP, IPv4 & IPv6, TCP, BGP, OSPF, HSRP/GLBP, PIMv2, IGMP, LDP, TACACS, IPSEC & VPNs, netflow, DNS, and HTTP.

Skills Utilized:

- Excellent understanding and application of IP networking fundamentals and IP protocols.
- In-depth knowledge and experience with BGP and OSPF routing protocols.
- Proficient in managing major router platforms, including Juniper platforms.
- Strong network analysis fundamentals and troubleshooting skills.
- Extensive experience with various network protocols and technologies.



Network Administrator

Arm

Jun 2022 - Nov 2022 (6 months)

In my role as a Network Administrator at ARM via the staffing firm Hays, I contributed to the maintenance and enhancement of the global IT infrastructure as a part of the Technology Operations Services Group (TOSG). I left this role early in favor of a fully remote position.

Key responsibilities and achievements:

- Rack and stack an internal Cisco ACI (application centric infrastructure) lab. Completed the physical setup in the data center, used the GUI work on the configuration, earned 40 Cisco CE (continuing education) training credits.
- Provide robust network support for global infrastructure, handling approximately 70% operational support and 30% project work.
- Proactively monitor network alerts and incidents, ensuring efficient resolution and minimizing downtime.
- Consistently maintain accurate and up-to-date monitoring, site documentation, and configuration.
- Collaborate as part of a global team in a "follow the sun" environment, ensuring seamless transition of work across different time zones.

Skills Utilized:

- Cisco ACI underlaying protocols: VXLAN, OpFlex, IS-IS, COOP, MP-BGP EVPN, ICMP
- Strong knowledge of Cisco technical systems, including firewalls (Cisco FirePower, ASA), Remote Access VPN (Cisco AnyConnect), and Network Access Control (Cisco ISE).
- ITIL frameworks, specifically in incident management, change management, and configuration management.
- Python and Ansible for network automation.
- Excellent written and verbal communication, attention to detail.

Senior Network Engineer

Hewlett Packard Enterprise

Jun 2020 - May 2022 (2 years)

Hewlett Packard Enterprise (NYSE:HPE) is an American multinational enterprise information technology company based in Spring, TX founded as part of the splitting of the Hewlett Packard company. It employs 59,400 employees and generates \$27B in annual revenues.

- Responsible for supporting network capacity planning, throughput, performance and scale diagnostics while delivering agile leadership as a contractor supporting HPE, providing daily thought leadership to multiple engineering teams.
- On a team of 10, support the management network internal to a legacy organization super computer, through implementation, configuration, architecture and design using GIT and Bitbucket/Gitlab/Github to ensure a collaborative ecosystem.
- Deliver thought leadership to key stakeholders to support the design and architecture for scalable network topologies. Advocated for a Clos network design, as opposed to hierarchical, as a result of self

learning and research, and not prior experience or training with Clos networks. Participated in detail technical discussions about design and implementation of Clos networks.



Network Developer

Spectrum Enterprise

Aug 2019 - Jun 2020 (11 months)

Spectrum Enterprise, the re-brand of Charter Communications, Inc, is a national provider of scalable, fiber technology solutions serving the largest businesses and communication service providers across the United States. It serves more than 32M customers in 41 states.

- Responsible for ensuring efficient and reliable network orchestration, virtualization, and automation platforms, leading integration efforts to improve production and providing daily leadership to support engineering teams and customers.
- Developed CI/CD build pipeline and automation for developed applications, managed completed complex technical projects while delivering network engineering and software development within cost efficient and Agile frameworks.



Network Engineer II

Spectrum Enterprise

Jul 2017 - Jun 2020 (3 years)

- Reporting to the Network Engineering Manager, responsible for planning, designing and deploying network infrastructure, leading configuration, and troubleshooting of complex network technologies.
- Designed and supported the configuration of command restrictions in Cisco ACS and prevented trunking outages.
- Delivered training, mentorship, and guidance to 20 team members to enhance expertise and best practices.



Network Specialist 1

Charter Communications

May 2015 - Jul 2017 (2 years 3 months)

Charter Communications (NASDAQ: CHTR), now re-branded to Spectrum, is a leading American telecommunications and mass media company with services branded as Spectrum. It serves 26M customers in 41 states, employs 98,000 people and generates \$48.1B in annual revenues.

- Responsible for supporting the development and implementation of network automation for scale and predictability leveraging common languages and configuration as code, while providing leadership to teams and customers.
- Delivered advanced troubleshooting, customer support, guidance and best practices to on-site network technicians, leading instruction on RFC2544 testing units, final configurations application, as well as setting up of testing circuits.

- Developed Visio automation utilizing Python; supported the development of a server side application utilizing PHP to parse JSON payloads. Built an API to deliver drawings in a vsdx format, reducing a multi-hour process to 10 minutes.



Network Specialist

Kforce Inc

Jul 2015 - Oct 2015 (4 months)

Contractor at Charter.



Network Specialist

Hart Employment Services

May 2015 - Jul 2015 (3 months)

Contractor at Charter.



Supplemental Instructor

Madison Area Technical College

Sep 2014 - May 2015 (9 months)

Madison Area Technical College is a public technical and community college based in Madison, Wisconsin. It serves students in parts of 12 counties in south-central Wisconsin, employs 2,400 staff members and enrolls approximately 30,000 students.

- Responsible for delivering supplemental instruction on advanced course materials to 10 students each week, including network equipment configuration, NetDevOps, Python automation, and CCNA exam preparation.
- Delivered engineering guidance, mentorship and instruction; encouraged growth, success and confidence in a diverse student base
- Participated in the North American Cisco NetRiders competition placing 18th out of several hundred participants. Delivered a professional presentation on how to scale up to network topology to meet increasing bandwidth demands.



Recovery Intern

Gillware

May 2014 - Aug 2014 (4 months)

Gilware is a leader in data recovery services, recovering data from over 100,000 storage devices since 2004. It utilizes leading edge technologies and its recovery engineers maintain a combined 200,000 hours of professional data recovery experience.

- Responsible for performing operational tasks and performance optimization to ensure the functionality of recovery systems critical to success of Gilware, utilizing hardware systems while providing support to cross-functional teams.
- In partnership with the marketing and sales teams, formed impactful relationships with new and existing client base, delivered a process improvement initiative to ensure data accuracy for critical forms and documentation processes.

- Led intake for damaged hard drives, assessed platters for damage including scoring or dust; archived replacement parts, ensured impeccable filing and documentation systems that resulted in reduced shipping costs and time.



Captionist/Coach

CapTel

2011 - 2013 (2 years)

Education



Madison Area Technical College

Associate's Degree, Information Technology

2013 - 2015



University of Wisconsin-Milwaukee

Bachelor of Arts - BA, Music Performance, General

2004 - 2006

Dropout

Licenses & Certifications



Cisco Certified Network Professional Routing and Switching (CCNP Routing and Switching) - Cisco

Issued Sep 2016 - Expires Sep 2022

Verification Code @ <https://ciscocertificates.com//verify.cfm> : 426245974876ATZI



Juniper Networks Certified Professional, Service Provider Routing & Switching (JNCIP-SP) - Juniper Networks

Issued Sep 2019 - Expires Sep 2022

Skills

Typing • Amazon Web Services (AWS) • Juniper Networks Products • Cisco Application Centric Infrastructure (ACI) • Data Centers • DevOps • Network Engineering • Network Administration • Network Architecture • XML

Honors & Awards



Charter Achievement Award Winner - Ahmed Belazi - Direct Manager

Dec 2018

Awarded for mass updating Access Control List configuration on approximately 25,000 CPE using Python, adding protections to Cisco ACS that prevent all outages caused by user error with the command "switchport trunk allowed vlan", and for developing and implementing a Python program that quickly and securely enables TACACS on CPE.



IJA Numbers Medalist - International Jugglers Association

Won multiple medals across multiple years (but never gold!) for performing a 10 club passing juggling pattern in competitions.



IJA Stage Championships - International Jugglers Association

Won a bronze medal for performing group club passing patterns in a theater with an audience and judges as part of a 5 person team of highly skilled and disciplined hobbyist jugglers.