

JASON BROWN

🏠 Complete Street Address, City, State ZIP Code 📞 111.111.1111
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SENIOR NETWORK ENGINEER

QUALIFICATIONS PROFILE

Technically inclined, methodical, and goal-oriented professional with well-rounded experience in network engineering. Expert at executing and supporting Cisco VPN; conducting hardware and software upgrades to network devices, systems, and applications; and troubleshooting network systems including LAN and WAN. Adept at analyzing technical requirements, driving high-quality and timely project completions, and coordinating team efforts to attain productive operations and organizational goals. Effective at building positive relationships and working collaboratively with clients, vendors, teams, and other professionals of all levels. Articulate communicator; bilingual in English and Japanese. *Areas of expertise include:*

Network Design and Administration | Python Scripting | Network Migration and Implementation
Disaster Recovery | Technical Support | Network Automation | Packet Analysis and Network Monitoring

TECHNICAL ACUMEN

Cisco ASR 9904 | Nexus 7008/7018 | Cisco Firepower 2130/4110 | tcpdump | OSPF
Cat 3850/9348/9540x | WTI Console Server | Extreme C5/N1/460/490/690 Switches | Policy-Based Routing
ACL | HSRP | VLAN | STP (802.1d) | RSTP (802.1w) | LAN/MAN/WAN | EBGP/IBGP | NPM SolarWinds/Zabbix
Cisco AnyConnect | Fortigate 4201F | NETSCOUT Business Analytic Performance Monitor | NX-OS | IOS-XR | VPN
DUO Two-Factor Authentication | Linux OS | Python | GitHub | Bash Scripting | Wireshark | NetFlow | Riverbed

PROFESSIONAL EXPERIENCE

Company Name, City, State	
Senior Network Engineer	2015–Present
<ul style="list-style-type: none">Execute NETSCOUT Business Analytic Assurance Appliance, which involve conducting packet analysis to ensure wider range of network visibility and real-time troubleshooting, as well as submitting capacity planning reports and ensuring optimal bandwidth utilizationLead the implementation of SNMPv3 for layer 2 and layer 3 devices, as well as SolarWinds for over 2,000 devices across the company with high availabilityProvide guidance to junior network engineers, while closely working with teams from multiple departments for project planning and implementationUse Infoblox to manage IP addresses, as well as various scanning, sniffing, log collector, and packet capture tools, such as tcpdump Wireshark, Spunk, Kiwi, Riverbed, and Arc Logger to perform troubleshootingFunction as technical lead in charge of developing and implementing IPSec tunnels to Amazon Web Services (AWS), Google Cloud Platform (GCP), and offsite data centerInitiate the configuration, troubleshooting, and delivery of the following systems:<ul style="list-style-type: none">Riverbed Cascade NetProfiler appliance for internet bandwidth reporting and network connectivity troubleshooting;ASR 9000 and Cat 6500 migration to ASR 9904 securing the latest IOS image, security, policy, routing, uptime, and licensing;Layer 2 and 3 of the Cisco Nexus 7/9K series and extreme series switches (C5, N1, x460/490/690 at the edge, core, and distribution; andCisco ASA 5505/5550/5585, Cisco Firepower 2130/4110 for high availability, IPSec tunnels (IKEv1 and IKEv2), SSL tunnel, load balancing, and NATImplement traffic engineering with policy-based routing (PBR), route filtering, redistribution, access-control lists (ACLs), static routing, and dynamic routing (OSPF/EIGRP)	

Career Highlights:

- ✓ Administered more than 10,000 SSL VPN users on campus with the execution of DUO authentication, thus keeping a 100% uptime during the pandemic
- ✓ Maintained active involvement in executing various projects such as Firewall Migration to Fortinet 4201F; NETSCOUT Implementation; AWS Cloud Infrastructure and GCP Development; Network Automation for Backups/Upgrades; Implementation of VPN; Catalyst Migration to ASR; and Packet Capture Tools Expansion Throughout Company

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Company Name, City, State

Network Engineer

2014–2015

- Conducted examination, diagnosis, and troubleshooting of all network problems from layer 2 and layer 3 of the open systems interconnection (OSI) model
- Handled all 30 branches network connectivity over multiprotocol label switching (MPLS) lines
- Executed SNMPv3 for network management; Terminal Access Controller Access Control Server (TACACS+) for remote authentication; and traffic filter using standard, extended access-lists, distribute-lists, and route maps
- Held accountability in ensuring updated network documents and related systems; upgrading and hardening network devices in compliance with industry best practices; and automating network backups and monitoring using SolarWinds
- Exhibited proficiency with Cisco routers and switches (7200vxr/6509/4500/2911/2960x/3900), as well as various routing protocols (EIGRP, OSPF, RIP) and routed protocol (TCP/IP)

Company Name, City, State

Co-op, IT Infrastructure

2013–2014

- Provided IT support to the DDD and EEE offices by assisting in expanding satellite offices from headquarters
- Carried out keen monitoring of health and network devices using SolarWinds, as well as supported daily network devices backups using SolarWinds Network Configuration Manager (NCM)
- Oversaw the testing of networking equipment involving Reimage Cisco routers, Check Point firewalls, and Catalyst Cisco switches
- Managed the troubleshooting and configuration of over 300 Avaya IP phone systems

EARLIER CAREER

Company Name, City, State

Computer System Administrator

EDUCATION

Bachelor of Science in Computer Networks and Information Systems

Infotech Resume University, Hawthorne, CA

Dean's List | XYZ Scholarship Recipient

President, Association of Computer Networks and Information Systems Students

CERTIFICATIONS

VMware Certified Professional-Network Virtualization (VCP-NV)

Cisco Certified Network Professional (CCNP) | Cisco Certified Network Associate (CCNA)

Microsoft Certified Technology Specialist | Network+ Certification | Security+ Certification | A+ Certification

PROJECT

Project Name: LMNO Project

Jun 2014

Role: Lead

- Utilized HTML5, Canvas elements, JavaScript, and the JQuery library in creating a flashy modern website
- Collaborated with a team in charge of developing an enterprise-level network for the backend, complete with redundancy and high-availability functionality
- Used three separate physical machines with three different Server VMs to host the MySQL Database, Apache Web, and DNS servers, as well as managed backend servers with an open source VM Management solution, ProxMox VE