Amarjeet
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PROFESSIONAL SUMMARY

A challenging and rewarding career in the IT industry, where I can make significant contributions to the company and enhance my technical skills. It will be my endeavor to pursue new dimensions in the field of Network Automation, which will enhance the progressive growth of the organization as well as my personal and professional growth.

Work Experience – 12 Years

Previous Employer: Galaxe, worked as Sr. Network Automation Engineer from 18 June 2020 till now

Automation Responsibilities:
- Identify opportunities to find tasks that can be automated using Ansible/ Python
- Write automation tasks such as upgrade nexus, IOS devices using Ansible playbooks.
- Automate decommissioning through Cisco NSO via ServiceNow API
- Integrate DNAC with ServiceNow for auto remediation.
- Automate cisco IOS device migration through Cisco NSO via ServiceNow
- Build CMDB through CSV, Discovery Module.
- Create workflow for automating automation through ServiceNow.
- Build and integrate automation task on Django framework.
- F5 VIP creation using SDK/ API
- Created F5 Device inventory in Postgres DB
- Streamlined Infoblox use for F5 VIP creation.
- Delivered a project to visualize the network path with FQDNs for all the data centers.
- Automated NetScaler Upgrade pre and post process
- Automated Cisco 9000 Leaf/Spine upgrade
- Reduce time and effort for Cert update on F5
- Created Citrix VPX/MPX/SDX inventory using Nitro APIs
- Automated NetScaler VIP creation
- Reduced troubleshooting time by capturing information from devices using CLI/API
- Integrated X-matter with Monitoring tool for better alerting
- Automated the health check of the devices for troubleshooting.
- Improved fabric monitoring by suggesting the change and implementing it.
- Automated BGP configuration change to prevent DDoS attack using Python script.
- Build Docker images for OpenNMS monitoring system.

Operational Responsibilities:
- Cover on call schedule for Network operation.
- Upgrade Nexus 9000, 7000, 5000 series switches to remediate vulnerabilities
- Upgrade ASR 9000 as and when required
- Provide support to the team in day-to-day network troubleshooting calls

Awards:
- Got Bravo award for leading F5 VIP creation process
- Got Rookie award for streamlining F5 subnets on Infoblox

Previous Employer: Atos Syntel, working as Network Consultant from 25th Nov 2019 to 12 July 2020
Responsibilities:

● Assess current state business processes and supporting technical architecture, gathering and defining business and technical requirements.

● Plan, organize, and manage network-related work streams or projects

● Contribute to the practice by developing and improving reusable methodologies and solutions for client engagements

● Develop detailed network designs in the following areas: on-premises data (LAN, WAN, Data Center), ACI, VXLAN, SDWAN, and Network Security

● Perform on-premises implementations (Cisco IOS, ASA, Nexus, Meraki, Palo Alto and configuration associated with Layer 2 switching (VLANs, STP, vPC, LACP), Layer 3 routing (OSPF, EIGRP, BGP), Network Security (ACLs, NATs, IPsec VPNs, SSL remote access VPNs)

● Network services, such as load balancers, RADIUS, TACACS+, DNS, DHCP, Infoblox and network monitoring tools

● Perform assessments of existing client network infrastructures and document "as-is" environments

● Organize project work into client presentations, outlining findings and recommendations for C-level executives

Automation projects using Python, Django, CSS and JavaScript :

● Created a web portal for accessing F5, ASA, Routers, Switches and Infoblox details.

● Automated F5 VIP creation through web portal

● Enabled our team to create host entries in Infoblox using a web portal.

● NOC resources can access F5, Infoblox, Firewall, Router and Switch details without going to the devices.

Previous Employer: Navisite | Spectrum Enterprise, worked as a Sr. Network Engineer from 7th Aug 2018 to 12 Aug 2019
Responsibilities:

● Majorly working on Cisco Nexus Platform (Nexus 9K/7K/5K/2K).

● Responsible for creating ideas and automating day to day jobs through Ansible or python scripts.

● Managing 2000+ Navisite clients, responsible to manage their Cisco ASA firewall, F5/ Netscaler Load Balancer, also providing support on cloud platforms like Microsoft Azure, Navisite Cloud.

● I am also involved in Data center improvement projects by upgrading Data center devices like 5K, Netscaler and ASA

● Worked in OTV environment for the US and UK based data centers

● Understanding of Cisco FabricPath

● Remote management of the Data center environment (Network & Security devices eg: firewalls, Load Balancer, Switches, Routers etc.) for managed, Co-location and Cloud environment at 24*7 Support.

● Escalation point for diagnosis & remediation of network and security related issues at all levels.

● Lead critical issues to resolution while documenting all aspects.

● Involve in Daily operational & configuration changes on Routers, Switches, and Firewalls & Load balancers.

Automation projects using Python/ Ansible:
● Created an IP blocking script through Python that reduced network teamwork up to 40%.
● Automated site to site VPN tunnel creation using Python, Django, HTML, and CSS
● Automated power down activities using Python, the script was used for pre-checks and post checks
● Created a script to add host/network to an object group
● Automated Nexus 5K upgrade pre and post checks through a single script.
● Created a script for site to site VPN tunnel creation
● Created a health check script for Nexus 5K and ASA using Python.
● Created a script for NOC to check slowness related issues on Nexus 5K and ASA.
● Enable Level1 team to check SNMP related issues without giving access to the devices.
● Brought all 4 data centers under ACS authentication using Ansible.
● Made data center level changes like SNMP Configuration, Changed ASA enable password, Added ACLs, created common object groups using Ansible.
● Proposed the plan, planned the execution and implemented changes to standardize all the data centers for being automation ready.
● Created a script to automate opening inbound and outbound ACLs on ASA
● Created packet-tracer type feature for NOC to check whether the access is open or not, if the access is blocked then it will help you open access without logging into the firewall.

Awards:
● Got several appreciations for service improvement and innovation from managers and Director.
● Got organizational level impromptu award **thrice** in a year.

NTT DaTa

Previous Employer: NTT Data Formerly known as Dell International Services, Network Specialist from 10 November 2014 to till 6ᵗʰ August 2018

Responsibilities - Leveraged team (Load balancing and VPN)
● Worked as Network Specialist at NTT Data, supporting 40+ leveraged load balancer customers.
● Responsible for managing Remote SSL VPN (Cisco ASA 5500 series).
● Responsible for managing and upgrading Pulse secure VPN appliances like PSA 5000 AND PSA 7000c.
● Create host checker policy as per client's requirement.
● Upgrade ESAP package as and when it's available.
● Responsible for mitigating the latest threats and vulnerabilities for all ASA, Pulse Secure, Netscaler and F5 devices.
● Managing 4 load balancing accounts single-handedly, I am responsible to create Nodes, Pools, VIPs, and associate required monitors to the pool, and modify the load balancing method.
● Responsible for generating CSR and renewing SSL certs.
● Managing Digicert accounts to renew SSL certs for 2 accounts.
● Create requested profiles and associate it with the desired pools.
● Create or Modify iRules as per customer's requirement.
● Upgrade the devices as and when requested or required.
● Responsible for raising change and implement on a timely basis

HCL

HCL Technologies, Network Engineer from 23 April 2012 to 10 October 2014
Responsibilities (Client FedEx)
● Worked as a Network engineer wherein my responsibilities are proactive monitoring and managing customer networks.
● Responsible for configuring, troubleshooting and managing Cisco devices like 2800, 2900, 3550, 3560, 3750, 4500, 7200 and 6500.
● Worked on protocols like EIGRP, OSPF.
● Responsible for monitoring and annotating all the alarms that are highlighted by the monitoring tools (NetCure, Nagios, WebCon).
● Diagnose the issue and open the ticket for the same.
● Sending service outage emails updates to both client and team.
● Follow up and open tickets with vendors (Cisco/Motorola/ISPs) as and when required.
● Engage support staff at the local site for troubleshooting.
● Escalate ticket to level 2 if required; coordinate with Tier 2 in case of RMA if required.

IBM

Previous Employer: IBM Daksh, Tech Support Engineer from 15 Dec 2010 to 11 Apr 2012

Responsibilities
● Worked as a level 1 Tech Support Engineer.
● Attended calls for UK customers and solved internet related issues.
● Create trouble tickets as soon as the issue is reported.
● Responsible for fixing issues related to broadband, slow wireless connection, computer issues.
● Configure Virgin media access points.
● Create service request through client's call ticketing system

Skills-Product Knowledge
● **Cisco Routers:** Cisco 2811, 7200, ASR 1009-X and 9910.
● **Cisco Switches:** Nexus 9K, 7K, 5K and 2K, VDC, vPC
● **Firewalls:** Cisco ASA and Palo Alto firewalls. ACL, NAT, VPN
● **Routing Protocols:** OSPF, EIGRP and BGP.
● **Load Balancer:** F5 LTM, GTM, Citrix Netscaler, iRules
● **SDN:** ACI
● **Cloud:** AWS and Azure
● **Automation:** Python, Ansible APIs, Postman, HTML, CSS, Django, Yang Model, GIT, NetBrain, Terraform, Ansible Tower (AWX), ServiceNow integration with Third party APIs, Cisco NSO, Netconf, Restconf, REST API
● **Ticketing Tools:** Remedy, ServiceNow, ITSM.

Professional Qualifications
● CCNA R&S Certified
● CCNA Security Certified
● CCNA DevNet Associate Certified
● Citrix Netscaler Certified

Academic Qualifications
● MCA : Sikkim Manipal University

- BCA : Sikkim Manipal University
- 12th : CBSE (Delhi)
- 10th : CBSE (Delhi)

Personal Details
- Marital status : Married
- Nationality : Indian
- City : New Delhi

Declaration:

I hereby declare that information provided above is best to my knowledge and belief.