**Askar Aman H1b**

**Senior Network Engineer Chicago, IL**

**Professional Summary**

Network Security Engineer with 20+ years of experience designing, implementing, and managing secure enterprise and data center infrastructures across global clients. Specialized in firewall technologies (Palo Alto, Cisco ASA/FTD, Fortinet, Check Point), SD-WAN (Silver Peak EdgeConnect, Cisco Meraki), and enterprise switching (Cisco Catalyst 2K/3K/9K, Nexus 5K/7K/9K). Recognized as a hands-on technical leader with strong problem-solving, client-facing, and service delivery skills, consistently ensuring high availability, performance, and security for enterprise networks.

**Proven expertise in:**

* Deploying Silver Peak SD-WAN EdgeConnect with Business Intent Overlays (BIOs), Zero-Touch Provisioning (ZTP), Dynamic Path Control (DPC), and WAN optimization.
* Designing and managing Cisco Catalyst/Nexus environments with VLANs, EtherChannel, STP, QoS, and ACLs for high availability and secure network access.
* Implementing advanced firewall solutions, VPNs, access policies, and log management across multiple platforms (Panorama, FortiAnalyzer, FMC).
* Securing hybrid cloud workloads with Azure NSGs, Cisco ISE NAC, and IPAM solutions.
* Leading incident response, escalation management, and IT service delivery in alignment with SLAs and security best practices.

**Education**

* MBA in Information System Management – Sikkim Manipal University
* B.Sc. in Information Technology – Sikkim Manipal University

**Certifications**

* Silver Peak SDWAN Professional (SPSP)
* Cisco Certified Network Associate (CCNA)
* Bluecoat Certified Proxy Administrator (BCCPA)
* Check Point Certified Security Administrator R71 (CCSA)
* Microsoft Certified Technology Specialist (MCTS) – Windows Server 2008 (70-642)
* Microsoft Certified Professional (MCP) – Windows 2000
* Juniper Networks Certified Associate (JNCIA-Junos)
* Juniper Networks Certified Specialist (JNCIS-SEC)

**Professional Experience**

**Network Security Engineer**

**Marvelous Technology Inc. | Illinois, USA Feb 2024 – Present**  
**Implementation Partner: Hexaware Technologies**

**Clients: True Value (Chicago, IL) & Trustmark Benefits (Lake Forest, IL)**

* Configured and deployed Palo Alto Next-Generation Firewalls (PA & VM Series) with Panorama for centralized management.
* Migrated legacy firewalls (Cisco ASA, FortiGate) to Palo Alto using Expedition tool.
* Designed & implemented zone-based policies, VLANs, VRFs, vPC, and Leaf-Spine Nexus 9K architecture in data centers.
* Designed, deployed, and managed Silver Peak SD-WAN EdgeConnect appliances to optimize WAN performance and application delivery across branch and datacenter locations.
* Configured and managed Business Intent Overlays (BIOs), traffic steering policies, and application-based routing for critical enterprise workloads.
* Implemented WAN optimization, path conditioning, and dynamic path control (DPC) to ensure high availability and improved application performance.
* Installed, configured, and maintained Cisco Catalyst 9K/3K/2K switches in enterprise campus and datacenter environments.
* Designed and implemented VLANs, inter-VLAN routing, EtherChannel, and Spanning Tree Protocol (STP) to ensure high availability and loop-free topologies.
* Deployed ACLs, QoS policies, and port security on Catalyst switches to enforce secure and efficient access.
* Administered FortiGate, Check Point, Cisco FTD, and Meraki SD-WAN solutions.
* Integrated Azure NSG, Cisco ISE, and IPAM for secure access control and policy enforcement.
* Conducted firewall upgrades, security audits, log analysis, and pcap investigations (Wireshark).
* Delivered L3 support, ticket management, client meetings, and end-user technical guidance.

**Senior Network Engineer**

**DXC Technology | Bangalore, India Apr 2021 – Jan 2024**

* Designed and maintained enterprise-scale security infrastructures across global customers.
* Integrated Silver Peak Orchestrator for centralized monitoring, configuration, and lifecycle management of 30+ branch deployments.
* Performed Zero-Touch Provisioning (ZTP) for rapid branch onboarding and policy enforcement.
* Implemented and supported Silver Peak SD-WAN EdgeConnect for global customers, optimizing WAN application delivery.
* Configured Cisco Meraki SD-WAN, switches, and MR series APs for clients.
* Delivered firewall operations (Cisco FTD, ASA, Palo Alto, Fortinet) and incident response.
* Led P1/P2 escalations, SLA compliance, and transition (KT) onboarding for new clients.
* Directed a team of engineers, improving delivery through CSAT/ASAT reviews, SIPOC process standardization, and Six Sigma initiatives.
* Implemented Cisco Telepresence, LAN/WAN troubleshooting, and service delivery improvements.

**Network Specialist**

**Fujitsu Consulting India | Bangalore, India Nov 2017 – Apr 2021**

* Implemented and managed Palo Alto, Fortinet, Juniper, and Cisco firewalls.
* Extensive experience in Cisco Catalyst & Nexus series routing and switching.
* Designed, tested, and implemented LAN/WAN and data center solutions using OSPF, EIGRP, and BGP.
* Delivered customer transitions, escalations, and security best practice consulting.
* Supported enterprise wireless (Cisco, Ruckus/Brocade) and video conferencing solutions.

**Delivery Lead – NOC**

**Hewlett Packard (HP Global Soft) | Bangalore, India Nov 2010 – Oct 2017**

* Led Global NOC operations for multiple enterprise customers.
* Designed, implemented, and supported firewalls, routers, and switches across global data centers.
* Delivered proactive monitoring, security controls, SLA-driven service delivery, and IT governance compliance.
* Provided documentation, incident response, and continual improvement initiatives (CIPs).

**Network Security Engineer**

**IBM India | Bangalore, India Nov 2008 – Nov 2010**

* Configured and managed Cisco ASA, Fortinet, Symantec, and Check Point firewalls.
* Designed & supported VPN (IPSec, SSL, Site-to-Site, RSA integration).
* Managed Cisco core switches, load balancers (Radware), and proxy servers (ISA, SurfControl, McAfee).
* Developed SOPs, incident management, SLA-based services, and TACACS integration.

**Executive – IT & Systems**

**BP Ergo (HNI International) | Nagpur, India Nov 2006 – Nov 2008**

* Designed and implemented LAN, WAN (MPLS VPN), and security policies.
* Configured Cisco ASA VPN, SQL, Oracle, Citrix, and DHCP/DNS servers.
* Managed IT infrastructure, vendor negotiations, and compliance with IT security policies.

**Network Engineer**

**Navigant Technologies | Delhi NCR, India Aug 2004 – Nov 2006**

* Configured and supported VoIP (AudioCodes, SIP/H.323, Asterisk) solutions.
* Installed and maintained Cisco routers, switches, FTP/Proxy servers, and bandwidth monitoring tools (PRTG, MRTG).
* Supported remote clients using VNC, RDP, TeamViewer, and Dameware.

**Technical Skills**

**Routers:** Cisco, HP, Juniper  
**Switches:** Cisco Catalyst & Nexus, Ruckus, HP ProCurve  
**Firewalls:** Palo Alto, Cisco ASA/FTD, Check Point, Fortinet, Juniper, Bluecoat, McAfee  
**SD-WAN:** Silver Peak, Cisco Meraki  
**Load Balancers:** Cisco ACE, F5, Array, Radware  
**AAA/Authentication:** Cisco ISE, ACS, RSA, FreeRADIUS  
**DNS/IPAM:** Infoblox  
**Monitoring/Logging:** Cisco FMC, Panorama, FortiAnalyzer, FortiManager  
**WAN Optimization:** Bluecoat, Cisco WAAS, Packeteer  
**Wireless & VoIP:** Cisco, Meraki, Aruba, AudioCodes, Asterisk  
**Proxies/URL Filtering:** Bluecoat, Websense, McAfee, IronPort, Squid, ISA Server  
**Antivirus/Security Suites:** Trend Micro, Symantec, McAfee