Shubham Palsaniya

Senior Network & Security Engineer | Cisco | Fortinet | Meraki | Wireless & Voice Expert | IT Infrastructure Consultant Jaipur, Rajasthan, India | +91 9352368183 | palsaniyashubham6@gmail.com

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Professional Summary

Results-driven and detail-oriented **Network and Security Engineer** with over **5 years** of professional experience in planning, designing, implementing, and securing modern enterprise networks. Expert in configuring **FortiGate**, **Sophos XG**, **Cisco Routing & Switching**, **Cisco Meraki Cloud Solutions**, and **Windows Server infrastructures**. Proven success in managing advanced **L2/L3 networking**, **wireless controller-based environments**, **voice network integrations**, and **firewall deployments**. Highly experienced in troubleshooting mission-critical issues, ensuring uptime, and improving IT operations through automation, security, and optimization.

Demonstrated ability to lead infrastructure deployments across diverse verticals including manufacturing, energy, automobile, and IT services. Adept at handling complex routing protocols, integrating cloud-managed security platforms, and maintaining regulatory compliance through robust security policies. Strong interpersonal and communication skills with experience in training internal teams, coordinating with vendors, and ensuring business continuity in high-availability environments. Passionate about emerging technologies like SD-WAN, zero trust architecture, and automation.

Core Competencies

Security & Firewall

- FortiGate: High Availability (HA), UTM, VDOMs, Software Switch, Static & Dynamic Routing
- Sophos XG: NAT, IPS, Web Filtering, SSL/IPSec VPN, Application Control
- Cisco Meraki MX: SD-WAN, NAT, AutoVPN, Firewall Rules, Traffic Shaping

Routing & Switching

- Cisco IOS: BGP, OSPF, EIGRP, MPLS, VRF, VLAN, EtherChannel, VTP, STP
- L2/L3 Switches: Catalyst 2960/3750/9300 Series
- IP Addressing, Subnetting, Redundancy Protocols

Wireless & Access Points

- Cisco/Meraki MR: SSID, VLAN, RF Profiles, Traffic Shaping
- Wireless LAN Controller (WLC): Secure Wi-Fi Design, RADIUS, 802.1X
- Wireless Client Roaming, Guest Access, Coverage Optimization

Voice (Intermediate)

- Cisco VoIP Setup: IP Phones, Voice VLANs, QoS
- Basic Call Manager (CUCM) Integration
- Dial Peer Configuration & Troubleshooting

Server & Directory Services

- Windows Server 2012/2016/2019: DNS, DHCP, AD, LDAP, GPO
- Group Policies, OU Structuring, User Rights Management

Tools & Management

- Wireshark, SolarWinds, MES, TFTP Server, Syslog, NMS
- VMware, Hyper-V, TeamViewer, VNC, Patch Management

Professional Experience

Network Administrator – Zentek Infosoft Pvt. Ltd., Jaipur, Rajasthan

Aug 2024 – Present

- Designed and deployed hybrid network architectures for 20+ clients across manufacturing, healthcare, and IT sectors.
- Configured FortiGate UTM features including IPS, Application Control, and Web Filtering.
- Led full deployment and optimization of Meraki MX and MR series for SD-WAN and wireless branches.
- Implemented Layer 3 switching, VLAN segmentation, and inter-VLAN routing for corporate networks.
- Managed software switch, DHCP relay, and dynamic IP pools on FortiGate.
- Integrated RADIUS server authentication for secure Wi-Fi and VPN tunnels.
- Developed VoIP infrastructure with CUCM basics, QoS prioritization, and Cisco voice VLANs.
- Maintained Microsoft Active Directory, GPOs, DNS zones, and secure folder sharing.

Reference: Kamal Sharma – +91 8952967731

Sr. IT Executive – Nimbus Pipes Ltd., Jaipur, Rajasthan

Jun 2023 – Aug 2024

- Migrated legacy network infrastructure to modern FortiGate and Cisco-managed solutions.
- Deployed VLANs for departmental segregation, applied ACLs, and set up L3 interfaces.
- Implemented secure domain infrastructure using Windows Server, AD, DHCP, DNS, and LDAP.
- Managed site-to-site VPN tunnels for remote branches and inter-office connectivity.
- Assisted with voice readiness including IP phone provisioning and voice VLAN policies.
- Implemented and supported Manufacturing Execution System (MES) for production operations, integrating shop-floor data with ERP, ensuring real-time tracking of manufacturing workflows, machine utilization, and quality compliance.
- Designed wired and wireless infrastructure with unified endpoint security and monitoring.

Reference: Yogesh Sahu – +91 9511517210

IT In-Charge – Ganganagar Vehicles Pvt. Ltd., Jaipur, Rajasthan

May 2022 – Jun 2023

- Designed and executed multi-branch secure connectivity using FortiGate VPN with backup links.
- Managed Meraki wireless network including SSID policies, traffic shaping, and guest portals.
- Oversaw daily operations of Active Directory environment and managed group-level permissions.
- Coordinated wireless AP deployments across all locations and ensured seamless coverage.

Reference: Vijay Parjapati – +91 8947005684

Network Engineer – NEI (National Engineering Industries Ltd.), Jaipur, Rajasthan

Oct 2021 – May 2022

- Deployed and managed FortiGate firewalls with advanced NAT and firewall policies.
- Assisted with BGP configuration for WAN edge routers and VRF segmentation.
- Maintained reliable factory-wide wireless network using Cisco APs and centralized WLC.
- Configured endpoint antivirus, user policies, and DNS filtering for critical nodes.

Reference: Ganesh Sharma – +91 9829576558

IT Executive – Rajesh Motors, Jaipur, Rajasthan

Aug 2021 – Sep 2021

- Provided technical support on Cisco routers/switches and Windows-based domain systems.
- Assisted in configuring branch firewall rules and endpoint monitoring tools.

Network Engineer (Contract) – Shivam Infotech (L&T Project), Jaipur, Rajasthan

Feb 2021 – Jun 2021

- Delivered backbone ICT infrastructure for RRVPNL project using FortiGate and Cisco platforms.
- Installed and tested MPLS-enabled routers, layer 2/3 switches, and managed core-to-edge security.
- Developed network design documentation and user acceptance test plans.

Reference: Beer Bahadur Singh – +91 8982490846

Projects

L&T RRVPNL STNMS ICT Infrastructure – Shivam Infotech

- Led the design and full-scale deployment of secure backbone ICT network across multiple substations and data centers.
- Implemented FortiGate firewalls with advanced security profiles, NAT, and policy-based routing.
- Configured MPLS-based Cisco routers and L2/L3 switches for high-speed interconnectivity and VRF segmentation.
- Created detailed documentation for network topology, IP addressing schemes, VPN designs, and device configurations.
- Conducted UAT testing and delivered comprehensive training to local IT teams for handover.

Active Directory Migration & Hardening – Nimbus Pipes Ltd.

- Migrated legacy on-premises domain controller and directory services to hardened Windows Server 2019 environment.
- Redesigned DNS and DHCP scopes, implemented secure dynamic updates, and ensured NTP time synchronization.
- Developed GPO strategy for workstation hardening, user restrictions, and security logging.
- Enabled LDAP over SSL for secure authentication and integrated antivirus policy deployment.

Meraki SD-WAN & Wireless Implementation – Zentek Infosoft

- Rolled out Meraki MX security appliances with SD-WAN failover at 10+ branch locations.
- Configured AutoVPN tunnels, IP subnet planning, and site-specific firewall & NAT rules.
- Deployed MR series APs with dual-band SSID broadcasting, RF tuning, and RADIUS-based 802.1X authentication.
- Built guest VLANs with content filtering, traffic shaping, splash pages, and audit logging via Meraki cloud dashboard.

Education

Bachelor of Computer Applications (BCA) – Parishkar College of Global Excellence, Jaipur\ 2015 – 2018 | Percentage: 65%

- Core Subjects: Networking, Operating Systems, Computer Architecture, Database Management, Software Engineering
- Developed foundational knowledge in IP addressing, subnetting, client-server models, and basic firewall configurations.
- Participated in college-level workshops on ethical hacking, Windows Server administration, and CCNA fundamentals.
- Completed final-year project on "Secure Network Infrastructure for Multi-Branch Organizations" using Cisco Packet Tracer.

Senior Secondary (12th) – Vikas Vidya Peeth Sr. Sec. School | 65%

- Focused on PCM (Physics, Chemistry, Mathematics) with Computer Science as an elective.
- Gained early exposure to logic building and structured programming using C/C++.

Secondary (10th) – Vikas Vidya Peeth Sr. Sec. School | 75%

- Demonstrated academic excellence in science and mathematics.
- Actively participated in school-level computer science fairs and technology exhibitions.

Certifications (Targeted & Completed)

- Fortinet NSE4 (In Progress)
- Sophos Certified Engineer (Planned)
- Cisco Meraki Solutions Specialist (Planned)
- CCNA (Completed)
- CCNP Enterprise (Target 2026)
- MCSA (Practical Experience)

Languages

- English – Fluent
- Hindi – Native

Professional Interests

- Data Center Networking | Wireless Security | SD-WAN Architecture
- Cisco & Fortinet Automation | Network Hardening | Infrastructure Design