



SYED MUHAMMAD ABDULLAH

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PROFESSIONAL SUMMARY

Experienced Senior Network Engineer with **8+** years of expertise in designing, implementing, and securing complex enterprise networks. Proficient in deploying and optimizing network solutions using Cisco, Juniper, and Huawei routing and switching technologies, SD-WAN, and next-generation firewalls (NGFW). Hands-on experience with security products such as Cisco FTD/FMC, ISE and RSA Secure ID. Adept in the planning, design, configuration, and troubleshooting of routing protocols like OSPF, BGP, and MPLS VPNs. Committed to maintaining high system availability and performance through expert post- deployments and continuous optimization. Proven ability to excel in high-pressure environments and collaborate with cross-functional teams.

PROFESSIONAL EXPERIENCE



Senior Network Engineer

[Shaukat Khanum Memorial Cancer Hospital – April, 2024 – Present | 1.6 year](#)

- Configuration of Network switches, network port security, ensuring optimal connectivity and performance.
- Work with a team to deploy FMC with Cisco Firepower 2130 and manage network security and update policies.
- Sophos XGS 3300 for proxy firewall and oversee the operation of CUCM for telephony communication.
- Ensure redundancy across 9 remote sites with L2 and L3 connectivity over MPLS, DMVP and Radio links.
- Manage existing devices and infrastructure in the data center with high availability and disaster recovery.
- Monitor network performance and control with ISE and using NMS tools like Zabbix and Cacti, ensuring reliability.

KEY PROJECTS: -> Deployment of WLC 9800-40-K9 Series with HA -> Upgradation of FTD 2130 with HA & FMC 7.6 Integration
-> Upgradation of Cisco ISE SNS-3715 Series with HA -> Deployment of Graylog Syslog Server Enterprise



Assistant Manager Network Operations

[Evercare Hospital Lahore – 10 Feb 2023 – 12 Feb 2024 | 1 year](#)

- Managed core network infrastructure with Nexus 9000 Series, edge switches, and Internet Gateway 4451.
- Configured and migrated VoIP systems (CUCM, Unity Connection) and firewalls (Firepower 2100, ASA).
- Implemented SSL/IPsec VPNs, Disaster Recovery with Veeam backup, and wireless systems (WLC 5508, Aironet 2800).
- Deployed Fortigate firewall and configure SDWAN and traffic shaping policies, web filtering and application filtering.
- Administered network monitoring, Access Control, and CCTV systems using Zabbix and Manage Engine OP Manager.
- Install and managed VitalPBX for communication and monitor and support call center software and fix issues.

KEY PROJECTS: -> Fortigate 201F Internet Firewall Deployment from scratch -> Deployment of OP Manager by Manage Engine
-> DR Site Design and 10G Redundant Fiber Link Installation -> Vital PBx deployments and IP Phones Integration



Senior Network Engineer

[The Superior Group – 1 Jan 2021 – 9 Feb 2023 | 2 year](#)

- Performed L2/L3 network configurations for 14 sites connected to a hub and deployed Fortigate/Sophos
- Managed datacenter at NEO TV, all colleges and offices sites network troubleshooting and configuration
- Firewalls with Mikrotik load balancing. Configured routing protocols (OSPF, DHCP, DNS), Inter-VLAN routing,
- And monitored networks using Solar Winds and PRTG. Oversaw wireless infrastructure and cabled infrastructure.
- WLC 5508, Ruckus Zone Director 1200 with 100 Access Points at remote sites configuration and management.
- Managed VOIP, CCTV systems, access control and ensured network performance and security.

KEY PROJECTS: -> Revamp Network Topology & Configure Failover links -> Deployment of NMS Cacti & Zabbix On-Premise
-> Fortigate 101F firewall deployment with VDOMs -> WLC 5508 Deployment with 2000 & 3000 Series

Network Engineer

Edusoft System Solutions – 12 Nov 2016 – 30 Nov 2020 | 4 year

- Provided support for Windows OS (XP, 7, 8.1, 10) and Windows Server environments (2008 R2, 2012 R2, 2016).
- Managed network deployments including switch installation, fiber optics, and wireless connectivity for projects.
- Assisted in deploying LAN, WAN, and wireless systems for the Nishtar Hospital and other projects. Work with vendors
- Supported network device installation (switches, routers, APs), cable dressing, fiber splicing, and structured wiring.
- Assisted in the installation of security systems (CCTV cameras, access control) and troubleshooting connectivity issues.

IT Support Officer

Edusoft System Solutions Nov 2016 – Jan 2018

- Installed, supported, and maintained Windows OS (7, 8.1, 10) and Windows Server (2008 R2, 2012 R2, 2016).
- Configured LAN, MAN, WAN, and point-to-point connectivity with switches, routers, and Wi-Fi devices.
- Installed and manage SQL Sever(2000-2017), LaserJet, Thermal, Barcode printers, for enterprise environments.
- Troubleshot and resolved software, network, and hardware issues across LAN and WAN.

KEY PROJECTS: -> Nishtar Hospital (Datacenter and WARDS Networking) -> Faisal Movers Head Office (Datacenter revamp)
-> Food Festival (Networking) -> Royal Orchard (Mesh-WiFi) -> BOM Industrial Estate(Wireless & CCTV)

EDUCATION & TRAININGS



Bachelor of Science – BS, Information Technology, CGPA 3.09

MNS University of Agriculture Multan – Feb 2014 – Feb 2018



Advanced Networking and Cloud Computing, Grade A+

NAVTC (Government of Pakistan) – Mar 2022 – Sep 2022

INTERNATIONAL CERTIFICATIONS

CERTIFICATION	ISSUER	CREDENTIAL ID	ISSUED	EXPIRES
Cisco Certified Network Professional Enterprise (CCNP Enterprise)	Cisco	1b5736f46414426c9502c2567ea4fb5d	Oct 2023	Mar 2028
Cisco Certified Network Professional Security (CCNP Security)	Cisco	367c7f33fed348ecbfca6f9fc0fc94e	Mar 2025	Mar 2028
Cisco Certified Specialist –Advance Routing and Services (300-410 ENARSI)	Cisco	f37869c31f894315b8028ed1dc9b4a1d	Oct 2023	Mar 2028
Cisco Certified Specialist - Enterprise Core (350-401 ENCOR)	Cisco	9e2cea805bbb4a9da4170d969fec2ca0	Sep 2023	Mar 2028
Cisco Certified Specialist - Security Core (350-701 SCOR)	Cisco	6558fc16d5cf4658b58cc3c18489238f	Sep 2023	Mar 2028
Cisco Certified Specialist -Security Identity Management (300-715 SISE)	Cisco	d42abf6297054c499776a87c496b1f88	Mar 2025	Mar 2028
NSE 4 Network Security Professional	Fortinet	ve9rbFcAM1	Sep 2023	Sep 2025
Sophos Firewall Certified Engineer	Sophos	www.sophos.com/en-us/company/	Oct 2023	Oct 2026
AWS Certified Solutions Architect – Associate	Amazon	GNLZY7417BBEE1G97	Apr 2023	Apr 2026
PCNSE – Palo Alto Networks Certified Network Security Engineer	Palo Alto	32010b7093394e32adcfe33bbb5904f	Apr 2025	Apr 2027
HCIA Security	Huawei	01010030162380883109162488	Apr 2021	Apr 2025
CEH Certified Ethical Hacker	EC-Council	010100301623808831091624884	May 2025	Jun 2026