

MUHAMMED SHAHIN

NETWORK ENGINEER

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PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented Network Engineer with a strong foundation in network configuring, managing, and troubleshooting, along with core network security concepts. Skilled in Cisco networking (CCNA, CCNP Security) and firewall technologies including ASA, FortiGate, and Palo Alto. Passionate about network security and committed to continuous learning in emerging technologies.

TECHNICAL SKILLS

- Routing
- Switching
- Osi Layers
- TCP/IP
- RIP
- OSPF
- EIGRP
- VLAN
- VTP
- STP
- DHCP
- DNS
- ACL
- Ether Channel
- LAN/WAN
- PAT
- ARP
- NAT
- FTP
- L2/L3 Security
- SSH
- CDP
- FortiGate
- TELNET
- Palo Alto

TECHNICAL KNOWLEDGE

- Strong understanding of the OSI Model and its application in network communication and troubleshooting.
- Proficient in LAN/WAN technologies, IPv4 and IPv6 addressing, subnetting (FLSM, VLSM), and routing/switching fundamentals.
- Familiar with Cisco routers, switches, and security appliances.
- Good understanding of network protocols including TCP/IP, DHCP, DNS, VPNs, and VLANs.
- Proficient in configuring Static and Dynamic Routing protocols including RIP, OSPF and EIGRP.
- Skilled in VLAN creation, trunking, and inter-VLAN routing for network segmentation and traffic management.
- Knowledge of EtherChannel, STP, RSTP, and PortFast for link aggregation and loop prevention.
- Knowledge of switchport security, BPDU Guard, and Root Guard for network protection.
- Knowledge of remote access via SSH and Telnet.
- Knowledge of ACLs, DHCP Relay, ICMP, ARP, and IPv6 implementation.
- Proficient in NAT/PAT, Access Control Lists (ACLs), and Route Redistribution for efficient traffic control.
- Skilled in configuring and managing Cisco ASA and Next-Generation Firewalls like Fortigate and Palo Alto.
- Familiar with FortiGate firewall configuration, covering security policies, NAT, and VPN setup.
- Knowledge of FortiOS interface, UTM features, web filtering, and traffic inspection policies.
- Familiar with Palo Alto Networks NGFW for rule configuration, App-ID, and security policy deployment.
- Understanding of Palo Alto Panorama for centralized firewall and policy management.
- Knowledge of VPN technologies including IPsec, SSL, and site-to-site VPN configuration for secure connectivity.
- Knowledge of tunnel mode and transport mode configurations.

TRAINING COMPLETED

- Cisco Certified Network Associate (CCNA – Routing & Switching)
- Cisco Certified Network Professional (CCNP – Security)
- PaloAlto
- FortiGate

EDUCATION

Bachelor of Computer Application (BCA) – Calicut University 2022 - 2025
Higher Secondary Education – Kerala State Board 2020 - 2022

PERSONAL DETAILS

- **Date of Birth** : 01-03-2004
- **Languages** : English, Malayalam, Tamil
- **Address** : Hut Living, BTM 1st Stage, Bangalore, Karnataka, 560029

DECLARATION

I hereby declare that the above stated information is true to the best of my knowledge and belief.

MUHAMMED SHAHIN