

MUHAMMAD IJAZ FAREED

IT & Network Professionals

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OBJECTIVE

Dedicated Network Engineer with hands-on experience in designing, configuring, and securing enterprise-grade networks. Proficient in Cisco technologies, routing and switching, firewalls, VPNs, and Linux systems. Strong command of industry tools including GNS3, EVE-NG, and Wireshark. Proven ability to deliver secure and scalable network solutions with measurable performance improvements. Skilled in adapting to new technologies and resolving complex network issues efficiently.

EDUCATION

MSC in Telecommunication System CGPA 3.53/4

Bahauddin Zakariya University, Multan

CERTIFICATIONS & TRAINING

- **CCNA Training** Corvit College, Lahore
 - **RHCSA Training** Corvit College, Lahore
 - **Computer Applications (MS Office)** National College, Multan
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TECHNICAL SKILLS

Networking & Protocols:

RIP, OSPF, EIGRP, Static & Default Routing, VLANs, VTP, DTP, STP, HSRP, VRRP, EtherChannel (PAgP, LACP), Inter-VLAN Routing

Security & Firewalls:

Cisco ASA, Port Security, DHCP Snooping, AAA (ACS Server), ARP Inspection, SSH, Telnet, Basic Fortinet Configuration

VPN & WAN Technologies:

MPLS, MP-BGP VPN, GRE Tunnels, IPsec VPN, Frame Relay

Network Services & Troubleshooting:

DHCP, DNS, NAT, PAT, CDP, LLDP, IPv4/IPv6 Addressing & Subnetting, OSI Model, TCP/IP

Switching & Voice:

Voice VLAN, VoIP, Native VLAN, Multilayer Switching, SVI

PROJECTS

MPLS MP-BGP VPN Deployment

Designed and implemented a scalable MPLS network with MP-BGP to deliver secure VPN services between multiple customer sites.

- Configured MPLS on core routers with label switching.
 - Deployed MP-BGP for dynamic routing between PE routers.
 - Segmented customer traffic using VRFs, RDs, and RTs.
 - Tested data isolation and full-mesh VPN connectivity.
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NETWORKING TOOLS

Network Simulation & Emulation: GNS3, Cisco Packet Tracer, EVE-NG

Virtualization & OS Platforms: VMware Workstation, VirtualBox

Access & Configuration Tools: PuTTY, Secure CRT

Monitoring & Analysis: Wireshark, IP Scanner, Netstat

REFERENCES

Available upon request.