

MUHAMMAD

SAAD MALIK

CONTACT

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[LinkedIn Profile](#)

CERTIFICATIONS

- CCNA — Completed
- CyberOps Associate — Completed
- ISC2 Certified in Cybersecurity (CC) — Completed
- CCNP ENCOR — In Progress

TECHNICAL SKILLS

- Switching
- VLANs, Trunking (802.1Q), VTP, STP/RSTP, EtherChannel, Port Security, DTP, Inter-VLAN Routing
- Routing & Networking
- IP Addressing & Subnetting, OSPF, RIP, NAT, Troubleshooting
- Cybersecurity
- ACLs, Firewalls, Security Operations, Threat Detection
- Systems
- Linux Administration, Windows Support
- Tools
- Packet Tracer, GNS3, Wireshark, Proteus, MATLAB, Simulink, EVE-NG

LANGUAGES

English • Urdu • Pashto

ACHIEVEMENTS

Selected for ACT AI — Pakistan's national AI initiative under HEC / NAVTTC / PMYP

Network Engineering & Cybersecurity

Electrical (Communication) Engineering Student — UET Peshawar

PROFESSIONAL SUMMARY

Electrical (Communication) Engineering student (6th Semester) at UET Peshawar specializing in enterprise switching, routing, and network security. Trained in CCNA, CyberOps Associate, and ISC2 Certified in Cybersecurity (CC), currently advancing to CCNP ENCOR with focused training in Layer 2 switching technologies (STP, EtherChannel, VTP). Selected for ACT AI, Pakistan's national AI initiative under HEC/NAVTTC/PMYP. Seeking an entry-level Network Engineering or Cybersecurity role to apply hands-on lab expertise in switched network design and security hardening.

EDUCATION

BS Electrical (Communication) Engineering — UET Peshawar2023 – Present

6th Semester | Registration No. 23PWELE6173, Section C

FSc Pre-Engineering: 817 / 1100 Matriculation (Science): 958 / 1100

KEY PROJECTS

- Resilient Switched Campus Network | Cisco Packet Tracer, GNS3
- Designed a redundant Layer 2 topology and implemented RSTP to eliminate switching loops while preserving link redundancy
 - Configured EtherChannel (LACP) to aggregate links for higher bandwidth and automatic failover
 - Deployed VTP to centralize VLAN database management across multiple switches, reducing manual configuration errors
 - Applied port security on access ports to restrict unauthorized device connections
- Enterprise Multi-VLAN Network Design | Cisco Packet Tracer, EVE-NG
- Designed a VLAN-based enterprise network segmenting traffic across departments
 - Implemented Router-on-a-Stick for inter-VLAN routing using 802.1Q trunking
 - Configured ACLs to enforce traffic control and access restrictions between VLANs
- Microcontroller-Based Gas Leakage Detection System | Proteus
- Developed a gas leakage detector using an MQ-2 sensor interfaced with an AT89C51 (8051) microcontroller
 - Implemented LCD display output with an audible and visual alert system
 - Simulated and validated the complete circuit design in Proteus
- Linux Administration Practice
- Practiced user management, file permissions, and shell scripting in a Linux environment