

MUSAIB SHAHID

Penetration Tester | Network & Security Engineer

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PROFESSIONAL SUMMARY

CEH & CHFI-certified cybersecurity professional with hands-on experience in network security, vulnerability assessment, and penetration testing across lab and enterprise environments. Strong foundation in ethical hacking methodologies, OWASP Top 10, reconnaissance, exploitation techniques, and security reporting. Experienced in securing ISP and enterprise networks, performing root cause analysis, and supporting incident response.

CORE SKILLS

- Ethical Hacking & Penetration Testing (CEH Aligned)
- Network & Web Application Penetration Testing (Lab & Practical)
- Vulnerability Assessment & Risk Analysis
- OWASP Top 10 (Injection, XSS, Auth Issues, Misconfigurations)
- Reconnaissance, Scanning & Enumeration
- Exploitation & Post-Exploitation (Lab-Based)
- Network Security Architecture & Hardening
- Incident Analysis & Root Cause Investigation
- Active Directory Fundamentals (Basic Enumeration)
- Security Documentation, Reporting & Mitigation Planning

TOOLS & TECHNOLOGIES

Penetration Testing & CEH Tools

- Nmap, Metasploit Framework, Burp Suite, SQLmap
- Hydra, John the Ripper (Lab-based password attacks)
- Nikto, Netcat, Dirsearch

Security & Forensics

- Wireshark, TCPdump
- Snort (IDS basics)
- FTK Imager, Autopsy

Networking & Infrastructure

- TCP/IP, VLANs, VPNs (IPSec, Site-to-Site)
- Routing & Switching (Cisco, Huawei)
- Firewalls & Access Control

Operating Systems & Scripting

- Linux (Kali Linux), Windows
- Python (basic security automation & scripting)

PROFESSIONAL EXPERIENCE

Network Security Engineer

Silicon.St — *Jan 2025 – Present*

- Conduct vulnerability assessments on enterprise and banking network infrastructure
 - Identify network-level, configuration-based, and access control security weaknesses
 - Assist in implementing security hardening, segmentation, and least-privilege access
 - Support incident handling, analysis, and remediation activities
 - Deploy and configure multi-vendor routers and switches
 - Prepare security findings, technical documentation, and mitigation recommendations
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NOC Engineer – Level 2

Transworld Associates (Pvt.) Ltd. — *Feb 2024 – Jan 2025*

- Monitor and troubleshoot large-scale IP and GPON networks
 - Perform traffic analysis and advanced fault isolation
 - Handle escalated network related incidents
 - Coordinate with field and backbone teams for resolution
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TAC Engineer

Cybernet — *Jun 2023 – Jan 2024*

- Provided Tier-2 technical support for enterprise WAN/LAN environments
 - Investigated routing, connectivity, and access control issues
 - Performed root cause analysis and service restoration
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Freelance Network & Security Engineer (Remote)

Feb 2022 – Present

- Designed and implemented secure network solutions for international clients
 - Delivered VPN, routing, firewall, and segmentation configurations
 - Provided security documentation, risk notes, and best-practice recommendations
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HANDS-ON SECURITY & PENTEST LAB EXPERIENCE

- Performed CEH-aligned penetration testing workflows in lab environments
- Conducted reconnaissance, scanning, enumeration, and vulnerability analysis
- Practiced exploitation techniques including:
 - SQL Injection
 - Authentication & password attacks
 - Security misconfigurations
- Documented findings, impact analysis, and remediation steps
- Worked with Kali Linux–based offensive security toolsets

EDUCATION

MS – Information Security

NED University of Engineering & Technology — (FEB-2024–DEC-2025)

BS – Telecommunication

University of Sindh, Jamshoro — (FEB-2019–DEC-2022)

CERTIFICATIONS

- CEH – Certified Ethical Hacker (EC-Council)
- CHFI – Computer Hacking Forensic Investigator (EC-Council)
- Fortinet Certified Associate – Cybersecurity
- Cisco CCNA
- ISO/IEC 27001 Information Security Associate
- SQL Injection Attacks (Training)
- Android Pentesting – Foundations

ADDITIONAL

- Strong hands-on and lab-driven learning mindset
- Clear technical documentation and reporting skills
- Comfortable working in SOC, NOC, and security engineering teams
- Able to bridge networking and offensive security roles