



Contact

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Top Skills

Network Security:

- PfSense Firewall.
- IPFire Firewall.
- Snort.
- Suricata.
- Wazuh

Penetration Testing:

- Metasploit.
- Wireshark.
- Nmap
- OpenVAS
- Nessus.

Operating System(OS):

- Kali Linux.
- Ubuntu.
- Centos.
- Window.
- MacOS.

Programming Language:

- C/C++.
- Python.

Cloud Services:

- AWS.
- Azure.

-Critical thinking and Leadership
-Familiarity with the laboratory equipment and procedures,

MUHAMMAD SIDDIQUE

Cybersecurity Expert | Python Automation | IoT Security

Lahore, Punjab, Pakistan

Summary

With a strong academic foundation and a thirst for tackling complex challenges, I am eager to contribute to safeguarding digital ecosystems and fortifying organizational resilience against evolving cyber risks.

Experience:

Lab Engineer | UMT | 2024 - Present | Lahore, Pakistan

- Providing hands-on training for students in subjects “Introduction to Cyber Security”, Vulnerability Assessment and Reverse Engineering”, Operating Systems”, “Computer Networks, Web Technologies.
- Implemented and maintaining security tools and technologies.

Cyber Security Analyst |cyberwing.pk | Jan 2023 - Aug 2023 | Lahore, Pakistan

- Assisted senior analysts in conducting penetration testing on the company's internal network using tools like Metasploit, Wireshark, Nmap.
- Participated in incident response activities, analyzing and mitigating security breaches and vulnerabilities using Sort and Suricata.

Projects:

Phishing Simulation:

- Design and execute phishing simulation campaign using tools like PhishMe.
- This project demonstrates an understanding of social engineering risks.

Network Vulnerability Assessment:

- Use tools like Nmap, Nessus and OpenVAS to scan for open ports, potential vulnerabilities, and misconfigurations on small internal Network.
- Documentation of findings and suggestions.

Education:

Master of Philosophy (M. Phil) in Computer Engineering

• University of Engineering and Technology. • Lahore, Pakistan • May, 2025

Research Thesis:

• Sec-IoT: “Machine Learning Based Lightweight IoT Device Profiling For Security.

Bachelor of Science in Information Technology (BS HONS).

• University of the Punjab. • Lahore, Pakistan • 2021

• *FYP*: Web-based application for online shopping.

Certifications:

- ❖ Palo Alto Networks Cybersecurity | Palo Alto Network | 2025
- ❖ CISSP Certified Information Systems Security Professional | Packt | 2025
- ❖ Cisco Certified Support Technician Cyber Security | CISCO | 2024
- ❖ Python Programming Language | UET, Lahore, Pakistan | 2023
- ❖ Cybersecurity and Digital Forensic | UET, Lahore, Pakistan | 2023

