Muhammad Bilal

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SUMMARY

Aspiring **Cybersecurity Analyst | Penetration Tester** with hands-on experience in **web application penetration testing, vulnerability assessments, and network security**. Skilled in using industry-standard tools such as Burp Suite, Nessus, Nmap, and Wireshark to identify and remediate vulnerabilities. Adept at report writing, collaborative problem-solving, and continuous learning. Seeking an **entry-level cybersecurity role** to enhance organizational security while growing practical skills in a fast-paced environment.

EDUCATION

Bachelor of Science in Cyber Security

University of Management and Technology · Lahore, Pakistan · 2025 · 3.5 CGPA

EXPERIENCE

Social Media Manager and Cyber security trainer

SparkED   **December 2024 – Present**

· Designed and led a cybersecurity awareness workshop at a private school for 9th and 10th-grade students, covering fundamental cybersecurity concepts and daily potential threats to promote digital safety.
· Increased social media reach by 60% and follower engagement by 45% through strategic campaigns and targeted content.
· Developed and implemented content strategies, driving a 30% increase in all social media platforms.
· Analyzed performance metrics to optimize posts and align campaigns with marketing objectives.
· Collaborated with cross-functional teams to ensure consistent branding and enhance community engagement across platforms.
· Managed scheduling and publishing for multi-channel campaigns, maintaining a steady audience growth reach.

PROJECT

Website Penetration Testing

UMT

· Identified and reported **5 critical vulnerabilities** on a ticket exchange platform, including authentication flaws and injection attacks.
· Provided **detailed remediation strategies**, mitigating **87%** of identified vulnerabilities.
· Tools: Burp Suite, Nmap, Nessus, Nikto, Feroxbuster, Maltego.
· Skills: Vulnerability Assessment, Network Scanning, Manual and Automated Penetration Testing, Report Writing.

Research Paper: Zero-Day-Vulnerability

UMT · github.com/Mian-Muhammad-Bilal/Research-paper-on-Zero-Day-Vulnerability.git

· Conducted in-depth research on zero-day vulnerabilities, analyzing **discovery, exploitation, and mitigation techniques**.
· Included real-world case studies demonstrating the operational impact of zero-day attacks.

WiFi Duck – Wireless Keystroke Injection Tool

UMT · github.com/Mian-Muhammad-Bilal/Wi-Fi-Duck-Wireless-Keystroke-Injection-Tool.git

· Developed a **WiFi-based payload injection tool** using Arduino Pro Micro and ESP8266 for real-time payload execution.
· Achieved a **75% success rate on 9+ laptops** during testing.
· Skills: Microcontroller programming, WiFi networking, payload creation.

SKILLS

· **Vulnerability Assessment & Remediation** (Nessus, OpenVAS)
· **Network Security & Packet Analysis** (Wireshark, Nmap, Packet Tracer)
· **Penetration Testing** (Burp Suite, Nikto, WPScan, Feroxbuster, Maltego)
· **Digital Forensics & Investigation** (IDA Pro, Ghidra, Autopsy, FTK Imager)
· **OSINT** (Data Gathering & Analysing)
· **Malware Analysis** (Static Analysis, Dynamic Analysis)
· **OS/Kernel** (Kali Linux, Ubuntu, Arch, Tails OS, Windows)
· **Languages** (Python, C++, C, MySQL, C#)
· **Frameworks** (Django, React)
· **Git, GitHub, VMware, VirtualBox**
· **Social Media Management**
· **Digital Marketing**