Junaid Arshad Malik

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EDUCATION

Air University   **Islmabad, Pakistan**

Bachelors in Science - Cybersecurity   *Graduation Date: Sep 2027*

WORK EXPERIENCE

National Center of Cyber Security   **Islamabad, Pakistan**

Web-Security Researcher   *Jun 2024 - Sep 2024*

- Conducted thorough vulnerability assessments on high-profile websites, identifying and patching over 20 security weaknesses, resulting in a 75% decrease in potential breaches.
- Researched on known web security issues and worked to improve the security posture and contribute to the making internet a safer place.
- Collaborated with cross-functional teams to develop and execute penetration testing strategies on web applications, leading to a successful prevention of data breaches and a cost savings.

EncryptEdge Labs   **Remote**

Jr Penetration Tester Intern   *Sep 2024 - Nov 2024*

- Performed thorough penetration testing on 5 web applications and 7 systems, uncovering critical security vulnerabilities and gaps in cybersecurity defenses.
- Collaborated as an solo team to simulate sophisticated cyberattacks, leading to the development of comprehensive defensive strategies that significantly improved overall security posture.
- Utilized advanced tools such as Burp Suite, Nessus, OWASP Zap, and Metasploit to execute penetration tests and generate detailed reports with actionable recommendations for enhancing the security measures of 80% of tested applications.

NexGen Guards   **Islamabad, Pakistan**

Cyber Security Analyst   *Sep 2024 - Dec 2024*

- Conducted comprehensive penetration tests on different systems, identifying and resolving security vulnerabilities to enhance overall cybersecurity posture.
- Created and deployed 5 Capture The Flag (CTF) challenges and vulnerable machines for attack defense exercises, resulting in a 20% increase in students engagement with cybersecurity training.
- Collaborated with cross-functional teams in a fast-paced environment to meet tight deadlines, delivering actionable results on security vulnerabilities.

PROJECT EXPERIENCE

National Center of Cyber-Security   **Islamabad, Pakistan**

Web Security   *Jun 2024 - Sep 2024*

- **Social-Engineering ad detector:** A crawler developed to collect vast amount of data for an dataset to train AI model. The model would be able to detect 90% social engineering ads.
- **Outdated Components:** Contributed towards a sophesticated code developed to analyse any web-page to detect outdated components used in the website.

Independant Work   **Islamabad, Pakistan**

Cyber Security Analyst   *Jan 2024 - Present*

Training: Completed 30+ labs on platforms like TryHackMe, Hack The Box, and OffSec Proving Grounds, gaining expertise in exploitation, recon, privilege escalation, and post-exploitation. Hands-on experience in SIEM, incident response, log analysis, and Level 1 SOC operations.

LEADERSHIP EXPERIENCE

Air University Cyber Security Society   **Islamabad, Pakistan**
Research Club Co- Lead   *Jan 2025 - Present*

- Guided students in refining their technical writing skills and successfully completing their research papers, resulting in a 90% increase in the quality of submitted work.
- Assisted students in conducting thorough research and analyzing data for their projects, leading to a 75% improvement in the depth and accuracy of their findings.
- Organized study sessions and workshops to support students in meeting project deadlines, resulting in a 95% on-time submission rate for completed assignments.

RESEARCH & PUBLICATION

Topic: A Survey of Bug Bounty Programs in Strengthening Cybersecurity and Privacy in the Blockchain Industry

SKILLS

Tech: Pentesting, Vulnerability Assessment, Exploitation, SIEM Operations, CTF Challenge Creation.

Tools: Burp Suite, Nessus, Metasploit, Nmap, Wireshark, Suricata, Snort, Wazuh.

Techs: HTML, CSS, JavaScript, Python, C++

Soft: Writing, Reporting, MS Office, Time Management, Teamwork, Critical Thinking.