

Waleed Ahmed

Penetration tester

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Summary

Penetration Tester with a strong foundation in Software Engineering and hands-on experience in cybersecurity, and vulnerability assessment.

Key Project

CVEs Foresight – AI-Powered Threat Dashboard (2025)

- Developed an AI-driven dashboard integrating NVD and CISA KEV data to forecast and prioritize vulnerabilities exploited in the wild.
- Built with Python, focusing on automation, data correlation, and threat prioritization using AI.

Derma AI – Secure Dermatology Web App (2024)

- Designed a dermatological consultation platform emphasizing data privacy and security.
- Integrated AI-based image classification and backend security best practices.

Practical Learnings

- **Hack The Box:** Completing the Penetration Tester Path; finished modules on report writing, network scanning with Nmap, basic XSS, SQLMap usage, foundational web exploitation and trying to learn **source code review with DVWA**
- **AI Security:** AI security fundamentals (LLM jailbreaking, prompt engineering, and using AI for security tooling).

Skills & tools

- **Security Tools:** Nmap • Burp Suite • Nuclei
- **Operating Systems:** Linux • Windows
- **Soft Skills:** Analytical Thinking • Problem Solving • Teamwork

Certifications

- EC-Council Ethical Hacking Essentials (EHE) [View Certificate](#)
- Mastercard Cybersecurity Virtual Experience [View Certificate](#)

Education

B.Sc. Software Engineering - University of Gujrat **2020 – 2024**