

Omkar Deodhar

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github.com/omkardeodhar | tryhackme.com/r/p/InfoSentinel

Aspiring Penetration Tester | Security Analyst | Security Engineer

Summary

Highly motivated and detail-oriented aspiring **Penetration Tester** and Cyber Security Enthusiast targeting a challenging position in **Red teaming** or **Ethical Hacking**. Possess a strong working knowledge of industry tools and techniques, with a commitment to continuous learning and staying current with evolving cyber threats. **Enthusiastic** about collaborating with cross-functional teams to contribute to an organization's overall security posture.

Education

Marathwada Mitra Mandal's College of Engineering, Pune, B.E in Computer Engineering

Nov 2022 – Nov 2026

Experience

Cyber Security and Digital Forensics Intern, Cyber Secured India (CSI)

Mar 2024 – Jun 2024

- Conducted **Web and Mobile Application Penetration Testing** on platforms like TryHackMe and PortSwigger Labs.
- Gained expertise in **Linux and Windows privilege escalation** and digital forensics.
- Proficient in using industry-standard tools, including **Burp Suite, Metasploit, and Nmap**, for vulnerability assessment and exploitation.
- Strengthened skills in identifying and exploiting vulnerabilities such as **Injection Attacks, Broken Authentication, Broken Access Control, CSRF, and SSTI** through simulated labs and challenges.
- Gained hands-on experience in **Android penetration testing**, including static and dynamic analysis to identify vulnerabilities and strengthen mobile application security.
- Gained expertise in **cloud security**, focusing on securing infrastructures and identifying cloud-specific vulnerabilities.

Licenses and Certifications

- **Cisco Ethical Hacker:** credly.com/badges Aug 2024
- **Ethical Hacking Essentials (EC-Council):** drive.google.com Mar 2024
- **Google Cybersecurity Professional Certificate (Google and Coursera):** coursera.org Feb 2024

Projects

Web Crawler: github.com/omkardeodhar/web-crawler

May 2024

- Built **Shadow Crawl**, a Python-based web crawler that extracts text data from websites, featuring a command-line interface, depth control, and CSV output. Ensured ethical data collection by adhering to robots.txt and implemented basic error handling, optimized for Linux environments.

Port Scanner: github.com/omkardeodhar/ShadowScan

Feb 2024

- Developed **Shadow-Scan**, a Python-based port scanner for educational use, identifying open ports and services like FTP, SSH, HTTP, and SMTP. Implemented with Python libraries (socket, ssl, scapy) for Linux systems, offering a simple interface for scanning and retrieving service details.

Packet sniffer: github.com/omkardeodhar/Shadow-Sniff

Dec 2023

- Developed **Shadowsniff**, a Python-based network sniffer for capturing and analyzing packets. Supports protocols like ICMP, DNS, ARP, TCP, and UDP, with real-time display and logging of packet details. Compatible with Linux and features a command-line interface for customizable capture duration.

Skills

Languages: C++, Python, SQL, JavaScript, Bashscript

Tools: Nmap, Metasploit, Burp-Suite, Wireshark, SQLmap, OWASP ZAP, Nessus, GitHub, Kali Linux, WAPT, VAPT

Soft Skills: Problem-Solving, Critical Thinking, Teamwork, Attention to Detail

Achievements

- Achieved a **top 6%** global ranking on the TryHackMe platform.
- **Established** the first-ever Cyber Security Club, **MSOC**, at MMCOE College and currently serving as its **President**.
- **Mentored 50+ students** in cybersecurity fundamentals, ethical hacking, and network security, including live demonstrations.
- Achieved **top rankings** in multiple Capture The Flag (CTF) competitions, earning substantial cash prizes