

Prasanna Shinde

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Cybersecurity Analyst with 1.8+ years of experience in Vulnerability Assessment and Penetration Testing (VAPT), specializing in web application security, network testing, and secure coding practices. Skilled in identifying, exploiting, and remediating security flaws using tools such as **Burp Suite**, **OWASP ZAP**, Nessus, **Nmap**, **Metasploit**, and **Wireshark**. Proficient in threat modeling, exploit validation, and risk prioritization aligned with **OWASP Top 10**, OWASP WSTG, and **MITRE ATT&CK**. Delivered 20+ vulnerability reports with 90% successful remediation by development teams. Currently enhancing Red Team and Blue Team skills on TryHackMe & HackTheBox and preparing for **CompTIA Security+ (SY0-701)** certification.

Work Experience

Cybersecurity Analyst, Ioscape Intelitech Pvt Ltd

Jan 2024 - Present

- Performed VAPT of client web applications, identifying and validating vulnerabilities with a 83% accuracy rate.
- Documented 20+ vulnerabilities with prioritized remediation steps.
- Executed manual and automated security testing using Burp Suite, OWASP ZAP, and Nessus to uncover injection flaws, misconfigurations, and logic bypasses.
- Partnered with developers to apply OWASP Top 10 fixes, improving application security posture by 40%.
- Conducted access control and authentication audits, reducing misconfigurations by 30%..

ASP.NET Web Developer Intern, TECSPEAK IT SOLUTIONS

Jan 2022 - May 2022

- Developed and integrated APIs for dynamic, data-driven web applications.
- Created secure forms with input validation using HTML, CSS, and ASP.NET.
- Optimized SQL queries and ensured cross-browser compatibility.

Technical Skills

Security: Penetration Testing (Web & Network), Vulnerability Assessment, Encryption

Networking: TCP/UDP, DHCP, Subnetting, Firewalls, OSI Model

Tools: Burp Suite, OWASP ZAP, Nmap, Wireshark, Metasploit, Wazuh

Frameworks & Methodologies: MITRE ATT&CK, OWASP Top 10, OWASP WSTG

Soft Skills: Problem-solving, Team collaboration

Database: MySQL, Oracle SQL, MS-SQL

Programming Language: Python, JavaScript, Langchain Framework, ASP.NET

Projects

Personal Web App Pentest Lab

Configured DVWA, Juice Shop, and WebGoat in a home lab; used Burp Suite and OWASP ZAP to simulate attacks and validate security flaws.

Network Monitoring using Wazuh

Deployed Wazuh agents to monitor intrusion attempts and configured email alerts for suspicious activity.

Secure AI-Powered Application with Generative UI

Developed a LangChain-powered full-stack app to query a SQL backend, implementing GenAI security controls (OWASP Top 10) to mitigate risks such as prompt injection.

Certifications

- [Google Cybersecurity Professional Certificate](#)
- [Foundations of Cybersecurity](#)
- [Microsoft Certified: Azure Data Fundamentals](#)
- [Google AI Essentials](#) (Basic Understanding of AI)

Education

MCA, V.P. Institute of Management Studies & Research, Sangli (2022) - 75.27%

B.Sc.(CS), S.M. Dr. Bapuji Salunkhe Mahavidyalaya, Miraj (2018) - 57.04%