

Karthikeyan V

Vulnerability Assessment | Penetration tester

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PROFILE

Cybersecurity professional with 3.8 years of experience in vulnerability management and offensive security. Skilled in red-team and penetration testing techniques. CEH trained and practiced on PortSwigger labs - covering web, network, and system exploits. Experienced in delivering actionable reports and driving remediation to reduce real-world attack risk.

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions

03/2022 – 12/2025

Associate Technical Lead

Chennai

- Managed and performed vulnerability assessments using Qualys, Nessus, and Microsoft Vulnerability Management tools.
- Prioritized, tracked, and verified remediation activities in collaboration with system and application teams.
- Conducted penetration testing on internal and web-based applications to identify exploitable weaknesses.
- Analyzed scan results, validated false positives, and generated detailed security reports for stakeholders.
- Performed risk assessments by analyzing CVEs, evaluating vulnerability severity, exploitability, and business impact, and supporting prioritization of remediation based on risk.

EDUCATION

Vel Tech Engineering College

Bachelor of Engineering in Electronics and Communication Engineering,

GPA: 6.34

SKILLS

Strong understanding of OWASP Top 10 vulnerabilities

Vulnerability & Risk Assessment
Qualys, Nessus

Scripting
Python, PowerShell

Network Security Testing
Nmap, Netcat, Enum4linux, Hydra, Metasploit, SMB enum tools.

Security Frameworks & Standards
NIST, CIS, MITRE ATT&CK, Cyber Kill Chain

Penetration Testing
Burp Suite, Metasploit, Hydra, SQLMap, Nikto, wfuzz, Dirb

PROJECTS

Web & Network VAPT

Performed monthly vulnerability assessments and quarterly penetration testing for web applications and internal network infrastructure, supporting CVE-based risk analysis and remediation.

CERTIFICATES

Certified Ethical Hacker (CEH)
In Progress (will be completed by Mid 2026)

Qualys VM - Foundation

Microsoft Certified: SC-900

Google Cybersecurity Certified