

Nihal Tikka

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Professional Summary

Results-driven cybersecurity professional with over 5 years of experience in web application penetration testing, mobile penetration testing, and API security. Expertise in identifying and mitigating security risks across web applications, APIs, and mobile platforms. Proven track record of leading cross-functional teams to enhance security postures and delivering actionable insights that reduce potential security breaches. Passionate about continuous learning and contributing to the cybersecurity community.

Skills

- Web Application Penetration Testing
- Mobile Penetration Testing
- Vulnerability Assessment and Penetration Testing (VAPT)
- Collaboration with Cross-Functional Teams
- Security Tools: Burp Suite, SQLmap, Nmap, OWASP ZAP, Onapsis, Nessus

Work Experience

Senior Associate Consultant

December 2022 - Present

Infosys

- Conducted in-depth web application penetration testing, mobile penetration testing, ethical hacking, API security assessments, and DAST using Burp Suite and Nessus, successfully identifying and exploiting 70+ security vulnerabilities, ensuring heightened security for clients.
- Performed DAST, source code review, and mobile penetration testing, identifying vulnerabilities in web and mobile applications, helping clients secure their platforms from potential exploits.
- Delivered detailed vulnerability reports with risk assessments, PoCs, and actionable remediation steps, leading to a 30% reduction in potential security breaches.
- Reduced false positives from automated DAST scanners through rigorous false-positive analysis, improving issue triage efficiency and resolution times.
- Collaborated with development teams to implement secure coding practices and conducted secure code reviews, achieving a 90% reduction in repeat vulnerabilities within 6 months.

- Conducted comprehensive Vulnerability Assessment and Penetration Testing (VAPT) for web applications, APIs, and mobile applications, identifying critical security vulnerabilities across different platforms.
- Executed penetration testing using industry-standard tools like Burp Suite, SQLmap, Nmap, and OWASP ZAP to uncover vulnerabilities in web applications and mobile environments.
- Delivered actionable insights in detailed vulnerability reports, complete with risk assessments and PoCs, resulting in a 30% reduction in potential security breaches.
- Reduced 60% of erroneous issues reported by automated scanners through rigorous false-positive analysis, streamlining issue triage and resolution processes.
- Collaborated with 20+ cross-functional development teams to remediate security vulnerabilities, driving swift resolution and enhancing the security posture of applications.

Certifications

- CEH Master
- Azure Security Engineer
- Purdue Applied Cybersecurity Essentials

Education

BTECH

2015–2019

JNTUH

- Coursework: Java, Computer Networks, Algorithms, Database Management Systems, Principles of Programming Languages, Operating Systems, Information Security