

Vikram Singh

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Summary

A highly motivated and results-oriented Security Analyst with a strong focus on vulnerability assessment and penetration testing. Possessing expertise in utilizing tools like Kali Linux, Nmap, Wireshark, and SQL Injection techniques to identify and mitigate security risks. Dedicated to maintaining robust security posture through proactive threat hunting and continuous improvement of security protocols.

Skills

- Kali Linux
- Nmap
- Wireshark
- SQL Injection
- Cross-Site Scripting (XSS)
- Vulnerability Scanning
- Penetration Testing
- Security Auditing
- Risk Assessment
- Incident Response

Experience

Security Analyst | SecureTech Solutions | 2019 – Present

- Conducted comprehensive vulnerability assessments and penetration tests on various systems, including web applications, network infrastructure, and cloud environments.
- Utilized Kali Linux and other security tools to identify weaknesses and exploitable vulnerabilities.
- Developed detailed security recommendations based on assessment findings, prioritizing remediation efforts.
- Performed SQL Injection and Cross-Site Scripting (XSS) tests to evaluate application security.
- Participated in incident response activities, assisting with the containment and resolution of security incidents.
- Maintained up-to-date knowledge of emerging threats and vulnerabilities through continuous learning and industry research.

Education

Master of Cyber Security | Amity University | 2019

- Focused on cybersecurity principles, network security, ethical hacking, and incident response.
- Developed a strong understanding of security frameworks such as NIST and ISO 27001.

Projects

- **Vulnerability Assessment Report:** Conducted a detailed vulnerability assessment for a

simulated e-commerce website, identifying over 30 potential vulnerabilities and providing actionable remediation steps.

- **Penetration Testing:** Performed a penetration test on a small internal network, simulating real-world attack scenarios to assess security controls and identify weaknesses.
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