

Shashwat Singh

CYBER SECURITY

Contact

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Professional Summary

Results-driven and certified Cyber Security professional with hands-on experience in penetration testing, secure coding, and network security. Strong background in programming (C, Python, Java), networking (CCNA), and ethical hacking (CEH). Adept at identifying and mitigating security threats across web applications and networks. Seeking a challenging role to leverage technical and analytical skills to protect digital assets and improve system security.

Professional Experience

Cyber Security Analyst

Bugcrowd, Hackerone etc.

- Conducted vulnerability assessments and penetration tests on web applications and internal networks
- Used tools like Burp Suite, OWASP ZAP, and Nmap to identify vulnerabilities and report remediation strategies.
- Created detailed security assessment reports for client environments.
- Collaborated with the development team to resolve vulnerabilities aligned with OWASP Top 10.

Key Skills

Cybersecurity: Ethical Hacking, Vulnerability Assessment, Threat Modeling, Incident Response

Penetration Testing: Web Application Testing, Network Penetration Testing, Exploit Development

Programming Languages: C, Python, Core Java

Networking: Network Protocols, Firewalls, Routing & Switching (CCNA Certified)

Databases: RDBMS (MySQL Oracle)

Tools & Frameworks: Burp Suite, Nmap, Metasploit, Wireshark, Nessus, OWASP ZAP

Awards and Certification

ISOEH Ground Zero Hackathon | 2021

- Ranked 7 Out Of 50

Hall-of-Fame from CISCO | 2024

Diploma in Cyber Security

Indian School of Ethical Hacking, Kolkata

Projects

Web Application Penetration Testing on Bug Bounty Programs.

- Performed black-box testing using Burp Suite and OWASP ZAP.
- Identified SQL injection, XSS, CSRF vulnerabilities, and proposed mitigations.

Network Penetration Testing on Simulated LAN Environment

- Configured a virtual network and performed scanning with Nmap and Nessus.
- Discovered misconfigurations and exploited known vulnerabilities using Metasploit.

Education

CBSE

Class - 10th (2016)

Class - 12th (2018)

D.P Public School,
Prayagraj

Bachelor of Commerce

Himalayan Gharwal University, Uttarakhand -2021

Master of Computer Applications (Pursuing)

SRM Institute of Science and Technology, Chennai