

SNEHIL KUMAR N M

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Professional Summary

Cyber Security Analyst with over 2 years of experience in web application penetration testing, VA/PT/, and digital forensics. Proficient in tools such as Burp Suite, Nessus, Metasploit, Wireshark, and Docker. Well-versed in identifying and exploiting security flaws, and prioritizing vulnerabilities using OWASP and CVSS standards. CEH Master certified, with hands-on expertise in both offensive security practices and defensive investigation techniques. Recognized for responsible disclosures and contributions to real-world security improvements.

Skills

Cybersecurity Expertise:

- Penetration Testing, Web Security, Vulnerability Assessment, Digital Forensics
- Incident Response, Phishing Detection and Mitigation, Risk Management, Cybersecurity Training
- Familiarity with Security Standards: OWASP, NIST, ISO 27001, PCI-DSS

Programming and Development:

- Programming Languages: Python, Bash, PHP
- Web Development: HTML, CSS, JavaScript, PHP, MySQL, MongoDB
- Tools: Nessus, Wazuh, Metasploit, Wireshark, Burp Suite, Nmap
- Docker: Containerization, Docker Compose, Image Creation, Deployment

Server and Systems Administration:

- Server Setup: Configuring and managing Linux servers, Apache, SSH, and FTP

Education

Bachelor of Computer Applications (BCA)

Amity University Online
CGPA: 9.02

June 2022 - July 2025

SNA Labs Pro Bug Hunter

Selfmade Ninja Academy

May 2023 - Present

Professional Experience

Web Application Penetration Tester, Self-employed

Jan 2023 – Present

- Conducted thorough penetration testing on multiple web applications, identifying and reporting critical security vulnerabilities.
- Implemented effective remediation strategies that reduced vulnerabilities by 40%.
- Collaborated with development teams to enhance security protocols and improve overall system resilience.
- Used OWASP Top 10 and CVSS to prioritize and report vulnerabilities.

Digital Forensics Team Member, Self-employed

May 2024 – Present

- Performed digital forensics investigations, recovering and analyzing electronic evidence to support legal cases.
- Utilized Autopsy for evidence recovery; simulated investigations in compliance with NIST and ISO 27001 frameworks.

Freelance Web Developer, Self-employed

Jan 2024 – Present

- Developed secure and responsive websites; implemented input validation and access control measures.
- Engineered front-end and back-end solutions using HTML, CSS, JavaScript, PHP, MySQL, and MongoDB.

- Delivered cybersecurity workshops on ethical hacking, phishing, malware analysis, and secure coding.
- Mentored 100+ students in CTF-style training modules and tools like Nmap, Burp Suite, Wireshark.

Cybersecurity Intern, Skill Vertex**Mar 2022 – May 2022**

- Conducted security assessments and simulated attacks on client networks.
- Hands-on exposure to endpoint protection, and vulnerability scanners.

Projects

CTF Labs

- Built a cybersecurity training lab with vulnerable machines to teach hands-on exploitation and defense.
- **Technologies used:** HTML, CSS, JavaScript, PHP, MySQL, MongoDB, OpenVPN, Docker.

ARPGuard – `github.com/thesnehilkumar/arpguard`

- Created an ARP spoofing detection and alert tool for LAN environments.
- **Technologies used:** C, libpcap, Ethernet/ARP protocols.

Personal Portfolio Website – `snehilkumar.selfmade.one`

- Responsive personal portfolio showcasing cybersecurity projects and tools.
- **Technologies used:** HTML, CSS, JavaScript.

Fashion Designer Portfolio Website – `nehdiasana.selfmade.one`

- Developed and deployed a secure and visually rich design portfolio.
- **Technologies used:** HTML, CSS, Bootstrap, JavaScript.

Maths Teacher Resource Site – `artofmaths.in`

- Created a static resource-sharing site with a focus on performance and usability.
- **Technologies used:** HTML, CSS, Bootstrap, JavaScript.

Certifications

- Certified Ethical Hacker (CEH Master) – EC-Council
- YUKTI CTF Certification – Tamil Nadu Police
- Internship Certificate in Cybersecurity – SkillVertex
- Ultimate Ethical Hacking and Penetration Testing – Udemy
- Codered – EC-Council

Achievements

- Recognized in NASA's Hall of Fame for identifying a critical cybersecurity vulnerability.
- Reported two critical account takeover vulnerabilities at Amity University (LoR pending).
- Acknowledged by NCIIPC for responsible disclosure in an Indian government portal.
- Discovered and disclosed a path traversal vulnerability in a Brazilian government website.
- Ranked 1st in EC-Council Leaderboard with 87% score (CEH Exam).
- 4th Place Winner in Yukti CTF hosted by Tamil Nadu Police.