

Harsh Verma

harsh010verma@gmail.com | (+91) 931 025 1585

Gurugram (122003), INDIA

www.linkedin.com/in/harsh-1-verma

Dynamic Computer Science enthusiast with a relentless pursuit of excellence in Cyber Security. Proficient in the art of penetration testing and adept in the intricate workings of system administration. Driven by a fervent ambition to excel, I am poised to leverage my expertise to elevate standards in Information Technology, Networking, System Administration, and Web Application Security. Eager to immerse myself in the realm of Security Operation and Red, I am committed to continuous growth and innovation in this ever-evolving field.

- Operating Systems/System Administration: Windows, Linux distributions, Android, MacOS
 - Scripting: Shell scripting, Python scripting, JavaScript, Node.js
 - Computer Networking: TCP/IP, Cisco Routing Protocols, VLANs, Subnetting, IPv6, Cisco Packet Tracer
 - Web: HTML, CSS, JavaScript, PHP, SQL, RESTful APIs, HTTP/HTTPS
 - Virtualization Platform and Container: VMware, VirtualBox, Docker
 - Vulnerabilities: OWASP Top 10; SQLi; XSS; CSRF; Parameter Tampering
 - Tools: Metasploit, GnuPG, FFUF, Wireshark, NetCat, Burp Suite, Nmap, Hydra, JohnTheRipper, OWASP ZAP, SQLMap, Aircrack-ng, Hashcat
 - PLC[Siemens S7300] and SCADA[TIA Portal]
-

Professional Experience:

Penetration Tester Trainee

Cybervyaan, Tilak Nagar, New Delhi, India

May 2023 - Present

- Collaborated with senior penetration testers to execute simulated cyberattacks.
- Engaged in all stages of penetration testing life cycle, including reconnaissance and exploitation.
- Setting up, managing, and optimizing firewalls for network security. Configuring access control, VPNs, and advanced features such as intrusion detection.
- Identified security vulnerabilities using automated tools and manual techniques.
- Gained hands-on experience in exploiting vulnerabilities for unauthorized access.
- Documented findings meticulously for comprehensive reports.
- Stayed updated on latest security threats and exploitation techniques.
- Contributed to development of proof-of-concept exploits and tools.
- Shared insights and communicated findings effectively with team and stakeholders.

Cyber Security Intern

E&ICT Academy, IIT Kanpur, Kanpur, India

June 2021 - August 2021

- Looked into cyber threats like malware and hacks to understand them better.
- Helped fix problems with security when they came up, making sure our systems stayed safe.
- Looked for weak spots in our computer systems to make them stronger and keep bad guys out.
- Showed our team how to stay safe online and keep our systems secure.
- Kept learning new things about how to stay safe online and how to protect our computers better.

Education:

Bachelor's Degree in Computer Science Engineering | *Chandigarh University*

Graduated: May 2023

High-Level Diploma in Electronics Engineering | *ISTC CSIO-CSIR*

Completed: September 2020

Projects Undertaken:

- CTF and Vulnerable machines(OWASP Juice-Shop)
 - Cyber Intruder (Live Network Monitoring)
 - Web Buster (Recon and Vulnerability Scanning)
 - Intelligent Eye (Python)
-

Certification & Courses:

- **CISCO** - Introduction to Cyber Security; Cyber Security Essentials
 - **Google** - Bits and Bytes of Computer Networking
 - **IIRS** - Web GIS Technology
 - Cyberyaan Certificates - Ethical Hacking Training; Kali Linux; Python; Networking
 - EC-Council - **CEHv12**(expected till May)
-

Soft Skills:

- Adaptability
 - Leadership & Teamwork
 - Strong Interpersonal Skills
 - Project Planning
 - Critical Thinking
-

Languages:

- English
 - Hindi
-

DOB: 27th May, 2001