

Harsh Choudhary

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SKILLS

- **Languages:** JavaScript, Python, Solidity, Bash Scripting, C++
- **Tools/Platforms:** Burp Suite, Linux Administration, Metasploit framework, OWASP Top 10, OWASP ZAP, Nmap, The Sleuth Kit, Wireshark, Web Application Pen Test, Penetration Testing, Disk forensics
- **Soft Skills:** Critical Thinking, Problem-Solving Skills, Team Player, Adaptability

INTERNSHIP

- **NCR Voyix** June 2024 - August 2024
Information security Intern
 - **About:** Developed an automated threat intelligence tool for NCR Corporation, streamlining asset monitoring and reducing manual workload for the security team features such as real-time alerts for zero-day vulnerabilities, and integrated virus scanning to enhance data privacy. etc.
 - **Tech stacks used :** MERN Stack, Shodan, Censys, Virus Total API.

PROJECTS

- **Exploit Arena – CTF Platform:** On-going
 - Designed and developed a Capture the Flag (CTF) platform simulating real-world cybersecurity challenges.
 - Utilized containerization (Docker) to ensure task isolation, system integrity, and secure user interactions.
 - Implemented diverse challenge categories—Web Exploitation, Reverse Engineering, Cryptography, Forensics, and Binary Exploitation, with increasing difficulty to enhance technical skills.
 - Built a user-friendly interface with React.js and Tailwind CSS and developed a scalable backend using Node.js and MongoDB.
- **Vulnerable Machine Development:** January 2025
 - Developed 10+ intentionally vulnerable machines to simulate real-world security threats and penetration testing scenarios.
 - Engineered vulnerabilities across Web, Network and Privilege Escalation domains to provide hands-on learning experiences.
 - Tech stack used here is Docker, Linux, Bash, Python, Networking, MySQL.

CERTIFICATES

- CompTIA Security Plus February 2025
- Quick Heal Certified Digital Forensic Investigator. January 2025
- Microsoft SC900. December 2023

ACHIEVEMENTS

- **Ranked in Top 1% percent in Tryhackme:**
Among top 18k+ participants in Tryhackme.
- **Attained 1st rank in quick heal LPU CTF:**
Participated and ranked 1st in the CTF tournament organized at LPU.
- **Secured 2nd position in Critical Thinking event:**
For exceptional performance in critical thinking event at university.
- **Under Top 10 team in the Smart India Hackathon University level:**
Participated and ranked 5th in SIH at university level.

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.19 Since August 2022
- **GSSS Raja ka Talab** Raja ka Talab, Kangra
Intermediate; Percentage: 93% April 2020 - March 2022
- **Sacred Soul Cambridge School** Nurpur, Kangra
Matriculation; Percentage: 74% April 2019 - March 2020