Harsh Choudhary

LinkedIn: linkedin.com/in/75-harsh-choudhary/   Email: pyash4048@gmail.com
GitHub: github.com/3212harsh   Mobile: + 91-8219104477

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   2025
- Quick Heal Certified Digital Forensic Investigator.   2025
- Microsoft SC900.   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*