

Yash Tyagi

Greater Noida, Uttar Pradesh 201310

📞 9990644223

✉ yashtyagi0044@gmail.com

🌐 [linkedin.com/in/yash-tyagi0044](https://www.linkedin.com/in/yash-tyagi0044)

🔒 tryhackme.com/p/Tyagiji

Skills and Expertise

- **Programming Languages:** C++, Python, Data Structures & Algorithms (DSA)
- **Operating Systems:** Windows, Linux (Kali)
- **Cybersecurity Tools & Platforms:** Burp Suite, Maltego, Wireshark, Metasploit, Nmap
- **Security Domains:** Penetration Testing, Network Security, Digital Forensics, Vulnerability Assessment
- **Soft Skills:** Problem-Solving, Team Collaboration, Adaptability, Project Management

Projects

Penetration Testing & Web Security Analysis

Jan- March 2025

- Conducted in-depth vulnerability assessments and penetration tests on web applications to uncover security flaws, misconfigurations, and access control issues through ethical hacking methodologies.
- Utilized industry-standard tools such as Burp Suite and OWASP ZAP to identify critical vulnerabilities including SQL injection, XSS, CSRF, and authentication bypasses, followed by detailed reporting and recommendations.
- Implemented OWASP-based security best practices, including input validation, secure session handling, and proper error messaging to strengthen application defenses and reduce exposure to attacks

Keylogger Development

Aug- Dec 2024

- Developed a Python-based keylogger using pynput and logging to study unauthorized access techniques in a secure, virtualized environment.
- Tested stealth and performance aspects across isolated systems and evaluated detection using antivirus tools and custom monitoring scripts.
- Focused on ethical hacking practices, ensuring all research was conducted within legal boundaries for educational and defensive cybersecurity purposes.

Digital Forensics Investigation

Aug - Dec 2024

- Analyzed forensic artifacts such as log files, registry entries, and disk images to extract actionable digital evidence during simulated cybersecurity incidents.
- Utilized industry-standard tools like Autopsy and FTK Imager to conduct thorough investigations, recover deleted files, and document findings in structured reports.
- Contributed to simulated real-world cyber incidents, aiding in root cause analysis and developing effective mitigation strategies for future threat scenarios.

Certifications

- **Ethical Hacking Essentials** Nov 2024
- **Digital Forensics Essentials** Nov 2024
- **Advance Python Programming** Aug 2024

Co- Curricular Activities

- Secured Rank 208th out of 5,000+ participants in Pentathon 2025 Mar 2025
- Participated Try Hack Me (Hacfinity Battle) Feb 2025
- Participated in Hackathon (LPU) Sep 2024

Education

Lovely Professional University – Punjab, India

Since Aug 2022

- Bachelor of Technology - Computer Science and Engineering

Ryan International School

Greater Noida, Uttar Pradesh

- Senior Secondary School

Apr 2019 – May 2021

