

PIYUSH AGARWAL

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

[TryHackMe](#)

Summary

I am a detail-oriented and passionate cybersecurity professional with a strong foundation in offensive security and a growing interest in defensive techniques. My goal is to become a professional penetration tester and a respected member of a Pentest Team. In the next 5 years, I aim to achieve advanced certifications like CISSP while continuously honing my skills through hands-on labs, real-world projects, and bug bounty hunting. I am committed to continuous learning and strive for excellence in every challenge I undertake.

Work Experience

Penetration Testing Internship | Shadow Fox | Remote, India | June 2024 – July 2024

- Selected among 100+ applications by giving test
- Learned to write reports of VAPT and learned some auditing skill
- Implemented my Penetration Testing knowledge to check certain web application and infrastructure Pentesting.

Cyber Security Trainer | Freelancer | Bharatpur, India | November 2023 – Present

- Got an opportunity to train more than 8 students in the Best Computer Institutes of Bharatpur, Rajasthan.
- Helped them start their careers in the field of cybersecurity.
- Solidified their foundations and then taught them VAPT (Vulnerability Assessment and Penetration Testing) skills.

Education

- 2023-2026 | Maharaja Surajmal Brij University
Bachelor of Computer Application – BCA
- 2021-2022 | Kendriya Vidyalaya Bharatpur
Class 12 – Commerce with Computer Science – Scored 85%

Certifications and Achievements

- **Certified Network Security Practitioner (CNSP)** | The SecOps Group | July 2024
- **Certified Cyber Security Analyst (C3SA)** | CyberWarfare Labs | August 2024
- **Cyber Defense** | TryHackMe | September 2024
- **Network Defense Essentials (NDE)** | EC-Council | September 2024
- **Top 1% on TryHackMe [0xD LEGEND]:** Ranked among the top 1% of users globally, solved 200+ labs and machines combined on TryHackMe, HackTheBox, and Proving Grounds to master offensive and defensive cybersecurity concepts.

Skills

- **Cybersecurity Skills:** Penetration Testing, Vulnerability Assessment, Web Application Security, VAPT, Report Writing, Auditing
- **Operating System:** Linux (Parrot OS, Kali Linux, Ubuntu), Windows, Basic Knowledge of Active Directory
- **Tools:** Burp Suite, Metasploit, Nmap, Wireshark, etc.
- **Programming Languages:** Python (Experienced), C (Intermediate), HTML/CSS/JavaScript (Basic), MySQL (Basic)
- **Platform Experience:** TryHackMe, HackTheBox, Proving Grounds

Projects

Password Manager (Python and MySql based)

- **Secure Password Generation:** Generates strong and random passwords to enhance account security.
- **Encryption:** Utilizes the cryptography library for encoding passwords and encrypting login information.
- **User-Friendly Interface:** Implements an intuitive command-line interface for ease of use.
- **Secure Storage:** Saves encoded passwords and encrypted login information in a local database for reliable and quick retrieval.
- **Continuous Improvement:** Actively maintained on GitHub with ongoing updates and feature enhancements.