

PIYUSH AGARWAL

CYBERSECURITY & PEN-TESTING

Bharatpur, Rajasthan, India

piyushaga27@gmail.com

<https://piyushaga27.github.io>

Academic & Professional Experience

<https://www.linkedin.com/in/piyushaga27/>

- **Subject Matter Expert | House of Coutton Pvt. Ltd. | [Remote, IN]** May 2025 - Present
 - Conduct in-depth research and academic writing in the fields of Computer Science and Cybersecurity for international university students.
 - Develop well-structured academic reports, case studies, and technical documentation tailored to university-level standards.
 - Analyze and interpret peer-reviewed research papers to produce insightful, plagiarism-free, and professionally written reports.
 - Ensure clarity, accuracy, and relevance in content delivery while adhering to strict academic and project deadlines.
- **Penetration Testing Intern | Shadow Fox | [Remote, IN]** June 2024
 - Learned VAPT, Reporting and Auditing skills.
 - Performed web application penetration testing.
- **Ethical Hacking Trainer | Freelancer | [On-Site, IN]** Nov 2023 – May 2025
 - Trained 10+ students in top Bharatpur computer institutes.
 - Taught foundational and VAPT (Pentesting) skills.

Skills

- Penetration Testing: Web Application (OWASP), Host (Windows & Linux), VAPT, Network, Active Directory, Reporting.
- Tooling: Burp Suite, SQLMap, Metasploit, Nessus, Nmap, Hashcat, OWASP Zap, Wireshark, OpenVAS, BloodHound.
- Software Development: C, C++, JS, Bash, Powershell, PHP, Python, Git, MySQL.
- Soft Skills: Public Speaking, Critical Thinking, Technical Consulting, Patience, Effective Communication, Curiosity and Innovation, Quick Learner.

Certifications & Licenses

[Verify Certifications via LinkedIn](#)

- CISCO Network Security – Coursera March 2025
- Cyber Defense – Try Hack Me September 2024
- Certified Cyber Security Analyst (C3SA) – The Cyber Warfare Labs August 2024
- Certified Network Security Practitioner (CNSP) – The SecOps Group July 2024
- Cloud Computing with AWS – Microsoft and Devtown August 2023
- Network Defense Essentials – Code Red January 2023

Education

- Maharaja Surajmal Brij University | Poddar College of Technology and Management Current CGPA: 8.23 / 2023 – 2026
 - Bachelors of Computer Applications (BCA)
- Kendriya Vidyalaya Scored 85% / 2021 – 2022
 - CBSE (+2) Higher Secondary: Commerce Major (Accountancy, Business Studies, Economics, Language & IT)

Achievements & Honors

- Try Hack Me: Top 1% Global Ranking with 0xD LEGEND rank, completing over 200+ labs and machines on platforms like TryHackMe, HackTheBox, and Proving Grounds.
- Bug Hunting: Discovered and reported a valid medium-severity vulnerability in ServiceNow, acknowledged on HackerOne.
- Speaker: Conducted cybersecurity seminars at multiple computer institutes, educating 50+ students on ethical hacking, tools, and hands-on methodologies.

Projects

<https://github.com/piyushaga27>

- Password Manager Python and SQLite
 - This tool allows users to create and manage multiple accounts securely.
 - Features include strong password generation, secure storage with encryption, and account-based access control.
- Personal Portfolio website - <https://piyushaga27.github.io/> Python and Bash
 - Customized and extended an open-source template to build a personal portfolio showcasing security projects, certifications, and achievements.
 - Added new sections, integrated a functional contact form, modified UI components, and deployed via GitHub Pages.
- Automation Tools Python and Bash
 - Origin IP Scanner: Automated domain reconnaissance using OSINT sources like Shodan, Censys, FOFA, and VirusTotal to identify exposed origin IPs.