

Akash Mishra

Varanasi, India — akashmis2003@gmail.com — +91-8303054732

Github — Linkdin

Objective

Cybersecurity student and aspiring penetration tester seeking an **internship opportunity** to apply skills in vulnerability assessment, red-team simulations, and ethical hacking. Passionate about hands-on learning in real-world environments and contributing to security teams.

Skills

- **Security & Red Teaming:** Reconnaissance, Vulnerability Scanning, Exploitation, Post-Exploitation
- **Programming:** Python, Bash, JavaScript
- **Tools:** Nmap, Metasploit, Burp Suite, Wireshark
- **Other:** Git/GitHub, Linux Administration, Report Automation

Projects

Red Team Automation Dashboard

- Built a web-based automation tool integrating red-teaming techniques for penetration testing and vulnerability research.
- Added PDF report generation, screenshots, and multi-user authentication.
- Implemented a lab-only keystroke logging module for red-team training and real-time AJAX dashboard.

Network Vulnerability Scanner (Python, Nmap, Flask)

- Automated scanning for open ports and vulnerabilities.
- Developed a web interface for managing scans and presenting structured results.

Security Reporting Tool (Python, WeasyPrint, Selenium)

- Designed a reporting pipeline that generates PDF outputs from pentest findings.
- Integrated screenshot automation to document proof-of-concepts for vulnerabilities.

Education

Bachelor of Computer Application – [Shambhunath Institute of Engineering and Technology]
(Expected Graduation: 2026)

Achievements

- Completed relevant security trainings and labs (e.g., TryHackMe, HackTheBox modules). - Developed personal cybersecurity projects and published them on GitHub. - Active in security research, continuously building offensive security tools in a safe lab environment.

Additional

- Languages: English, Hindi
- Interests: Cybersecurity Research, Ethical Hacking, Open-Source Security Tools