

PEVINKUMAR A

Offensive Security Engineer | Ethical Hacker | Security Lab Designer
| [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [TryHackMe](#) |

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EXECUTIVE SUMMARY:

Final-year Cybersecurity undergraduate with strong hands-on experience in penetration testing, vulnerability assessment, and ethical hacking, complemented by solid development expertise. Proficient in identifying and exploiting security vulnerabilities in web applications and networks using industry-standard tools with over 2 years of hands-on development experience across multiple projects.

SKILLS:

- **Penetration Testing & Ethical Hacking** : Nmap, Metasploit, Burp Suite, sqlmap, Nuclei, Wireshark, LinPEAS, GTF0Bins
- **Web Application Exploitation** : OWASP Top 10, LFI, RFI, XSS, IDOR, SQL Injection, Command Injection, Broken Authentication
- **Containers & Lab Engineering** : Docker & orchestration, Kubernetes & orchestration, deployment of vulnerable applications.
- **LLM Security & Testing**: LLM threat modeling, prompt manipulation, misuse and abuse testing
- **Scripting & Automation** : Python, Bash
- **Tool Development**: Security tooling and automation utilities
- **Operating Systems & Environments** : Linux, Windows
- **Documentation & Report Writing** : Markdown, CVSS scoring, technical documentation, security reporting, collaboration.

EDUCATION:

- Bachelor of Science in Cybersecurity, 8.44 CGPA (Till date)
- Manonmaniam Sundaranar University – Tirunelveli, Tamil Nadu, India

EXPERIENCE:

Internships:

CTF Developer | Selfmade Ninja Academy | Bangalore, Karnataka |

Aug – Dec 2025

- Actively developed and contributed to yukthi CTF 2.0 in various areas like web exploitation, cryptography, privilege escalation, Docker-in-Docker, and LLM security to help players practice and improve their skills.
- Developed 8+ machines. notable rooms such as Red trail chapter I & II, Shadow Partner.
- Validated 20+ challenges for reliability, stability, and correct exploitation paths.

Cybersecurity Intern | Prompt InfoTech | Coimbatore, Tamil Nadu |

May – June 2025

- Assisted in real-world penetration testing using industry standard tools with various case studies, also documented findings, written reports more effective way and applied the knowledge to build custom IP logger [[link](#)].

Offensive Cybersecurity Intern | InLighn Tech (InLighnX Global Pvt Ltd) | Offsite |

May – June 2025

- Gaining hands-on experience with core Cybersecurity concepts through practical learning and custom tool development. Built a hash brute-forcing tool, hash-brute [[link](#)], as part of an internship project.

Projects:

Pentesting & assessment:

- Conducted a full black box pentesting on metasploitable 2 with 25 + findings (Excluding dvwa)
- Documented all findings with Steps to reproduce, cvss scoring, mitigation and impact.

Developed PoC for CVE-2025-32463 (Privilege Escalation):

- Developed a Python-based PoC and tested it in a sandboxed environment. [[Link](#)]
- Published a blog to exploit for CVE-2025-32463. [[Link](#)]

Enhanced existing exploit for CVE-2025-47812 (RCE):

- Developed a sandboxed environment (Dockerized) to research and exploit this Vulnerability.
- Enhanced the existing exploit with additional features. [[Link](#)]
- Published an exploitation blog for CVE-2025-47812. [[Link](#)]

CTF Player & Security Researcher:

- Solved 90+ machines from TryHackMe with a Global Top 10k rank (Top 1%) with 30k experience points.
- Submitted multiple security issues through HackerOne, openbugbounty and public VDP programs.

Write-ups:

- ARP spoofing with PhonyARP: Published a blog about ARP spoofing & practical procedures [[Link](#)].
- Basic to advance XSS Guide: Crafted a detailed guide about XSS vulnerability from a developer mindset [[Link](#)].
- Beginner guide about SQLi: Published a beginner guide about SQLi. [[Link](#)]

CERTIFICATIONS:

- LAHTP Legacy (Learn The Art of Hacking Through Programming Basic)
 - Certificate issuer : Selfmade Ninja Academy.
 - Certificate Id : 4cboe230ns [[Verify](#)]
- LAHTP Advance (Learn The Art of Hacking Through Programming Advance)
 - Certificate issuer : Selfmade Ninja Academy.
 - Certificate Id : 1t7fup3467 [[Verify](#)]
- Jr Penetration Tester
 - Certificate issuer : Tryhackme
 - Certificate Id : THM-P7MPFUHWFH [[Verify](#)]