

PEVINKUMAR A

SECURITY RESEARCHER | PRODUCT SECURITY ENGINEER | PENETRATION TESTER

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EXECUTIVE SUMMARY

Final year Cybersecurity undergraduate with hands-on experience in penetration testing, vulnerability assessment, and secure application development. Skilled in identifying and exploiting security weaknesses in web applications and networks using industry standard tools, with over 2 years of development experience building and securing real-world projects.

WORK EXPERIENCE

PRODUCT SECURITY TESTING / RED TEAMING INTERN | ZOHO CORPORATION | CHENNAI

Feb – March 2026

- Actively assessed and identified several security issues at Site24x7.
- Identified authentication & authorization category vulnerabilities and acknowledged by the internal team for valid findings

CTF DEVELOPER | SELFMADE NINJA ACADEMY | BANGALORE, KARNATAKA

Aug – Dec 2025

- Actively contributed to Yukthi CTF 2.0, developing challenges across web exploitation, cryptography, privilege escalation, Docker-in-Docker, and LLM security
- Designed and built 8+ CTF machines, including notable rooms such as Red Trail Chapter I & II and Shadow Partner
- Validated 20+ challenges to ensure reliability, stability, and accurate exploitation paths

CYBERSECURITY INTERN | PROMPT INFOTECH | COIMBATORE, TAMIL NADU

May – June 2025

- Assisted in real-world penetration testing engagements using industry-standard tools across multiple case studies
- Documented vulnerabilities and produced clear, structured penetration testing reports
- Applied practical knowledge to develop custom security tools, including an IP logger [\[Link\]](#)

OFFENSIVE CYBERSECURITY INTERN | INLIGHN TECH (INLIGHNX GLOBAL PVT LTD) | OFFSITE

May – June 2025

- Gained hands-on experience in core cybersecurity concepts through practical learning and tool development
- Developed a custom hash brute-forcing tool (hash-brute) as part of an internship project. [\[Link\]](#)
- Strengthened understanding of password security, hashing mechanisms, and attack methodologies

SECURITY RESEARCHER & CTF PLAYER

2023- Till Date

- Submitted multiple security issues through HackerOne, openbugbounty, bugcrowd and public VDP programs and acknowledged for valid findings.
- Solved 90+ machines from TryHackMe with a Global Top 10k rank (Top 1%) with 30k experience points. [\[Link\]](#)

PROJECTS

O-GAM (OFFENSIVE GRAPHQL ATTACKING VECTOR MAPPER)

- Designed and developed an offensive GraphQL attack surface mapping tool for identifying potential security weaknesses
- Built core features including schema analysis, automated query generation, and attack vector identification

DEVELOPED POC FOR CVE-2025-32463 (PRIVILEGE ESCALATION):

- Researched about CVE-2025-32463 via Sudo utility
- Developed a Python-based PoC and tested it in a sandboxed environment. [\[Link\]](#)

BLACK BOX PENTEST & 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. [\[Link\]](#)

EDUCATION

Bachelor of Science (Cybersecurity)

Jul 2023 – Jul 2026

Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu – 627012

- Expected CGPA: 7.5+

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.

WRITEUPS & BLOGS

- Wrote a medium story about a Business logic flow in a VPS purchase flow allows me to buy VPS at €0.01. [\[Link\]](#)
- Wrote a medium story about an ATO vulnerability which is identified by a simple client ip bypass on a live eCommerce platform. [\[Link\]](#)
- Wrote a detailed blog and exploit for the critical path traversal vulnerability in WinRAR v7.12 [\[Link\]](#).
- Wrote a detailed write up and exploit for CVE-2025-47812 [\[Link\]](#).
- Beginner guide about SQLi: Published a beginner guide about SQLi. [\[Link\]](#)

ACHIEVEMENTS

- Awarded a \$\$\$ digit bounty for a valid security vulnerability disclosure.
- Recognized for Good CTF challenge development in Yukthi CTF 2.0.
- Acknowledged as a top performing student in Computer Science during schooling.

CERTIFICATIONS

- Jr Penetration Tester
 - Certificate issuer : Tryhackme
 - Certificate Id: THM-P7MPFUHWFH [\[Verify\]](#)
- 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 [\[Verify\]](#)