THIVYA PADMINI S

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ABOUT ME

Cybersecurity & AI security enthusiast with hands-on experience in VAPT, InfoSec Auditing, and AI-powered security tool development.

EDUCATION

B.E.CSE (CYBER SECURITY)   *2023 - Present*
 PSNA College Of Engineering and Technology, Dindigul

EXPERIENCE

Cybersecurity Intern   *Jul 2025 - Present*
Cypherdote
Phishing simulation company

- Performed Web App VAPT on OWASP Top 10 issues (XSS, CSRF, IDOR) using Burp Suite.
- Assisted in Infra VAPT: scanned misconfigurations, open ports via Nmap & Nessus.
- Tested CAPS platform for email tracking, fingerprinting, and data security.
- Reported findings with actionable remediation steps.

PROJECTS

- Hexora.ai — AI-Powered Source Code Vulnerability Finder (Ongoing)
- Developing an LLM-integrated security analysis engine to detect, explain, and optionally fix vulnerabilities in open-source code across multiple languages.
- Combined AST parsing, rule-based matching, and AI-driven reasoning to achieve accurate vulnerability detection and professional audit reporting.

CERTIFICATIONS

- CEH (Certified Ethical Hacker) – EC-Council   *IN PROGRESS*
- Guvi: Generative AI (In Progress)   *AUG 2025*
- ISO/IEC 27001: Information Security Associate – SkillFront   *JUN 2025*
- Cybersecurity & Ethical Hacking for Beginners – Guvi, IITM Research Park   *APR 2025*
- Network Security Fundamentals – Guvi

TECHNICAL SKILLS

- Security Tools: Burp Suite, Nmap, Nessus, Wireshark
- Core Competencies: Web Application VAPT, Information Security Auditing, OWASP Top 10 Assessment
- Operating Systems: Kali Linux, Windows 10/11
- Programming & Scripting: Python, Bash (basic)
- Networking: TCP/IP, HTTP/S, DNS, Port & Service Enumeration
- AI in Cybersecurity: LLM-based Vulnerability Detection & Analysis
- Professional Skills: Vulnerability Assessment & Reporting, Phishing Simulation Analysis

WORKSHOPS AND BOOTCAMPS

- "Advanced Cybersecurity & Ethical Hacking" – 3-Day Workshop by Ozone Cyber Security Company   *APR 2025*
- "CyberCrime Investigations" – 5-Day Bootcamp on Incident Response & Digital Forensics   *MAR 2025*
- "PenTest Pro" – 3-Day Workshop on Offensive Security   *AUG 2025*
- "Digital Defense" – 2-Day Workshop on Modern Cyber Defense Techniques   *MAY 2025*

ACCOMPLISHMENTS & ACHIEVEMENTS

- Filed Patent (No. 202541066350) – AI-Based Rapid Milk Testing Model
- Selected in SIH (Intra-College Level) - AI-Based Rapid Milk Testing Model
- Selected in MSME Hackathon (Intra-College Level) - AI-Based Rapid Milk Testing Model