

# VETTRIVEL U

VulnerabilityAssessment&Penetration Tester

[Vettrivel | LinkedIn](#) – Top Information Security Voice

[Vettrivel | TryHackMe](#) – Top 1 % in TryHackMe Globally

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## TECHNICAL SKILLS

- **Strong** understanding of networking concepts including **OSI model**, **TCP/IP protocols**, and **remote access** services.
- **Expertise** in **Web, Network, API, and LLM AI security**, with hands-on experience addressing **OWASP Top 10** vulnerabilities.
- **Proficient** in **Penetration Testing, Vulnerability Assessment**, and **Remediation**.
- **Skilled** in **Static/Dynamic** Application Security Testing (**SAST/DAST**).
- **Adept** at developing custom **scripts and tools** to optimize testing processes.

## TECHNICAL STRENGTHS

- **Manual Testing Tools** : Burp Suite, Nmap, Wireshark, SQLmap, Postman, Nikto, OWASP ZAP.
- **Automation Testing Tools** : Nessus, OpenVAS, Acunetix.
- **Frameworks** : Metasploit Framework, BeEF (Browser Exploitation Framework), Recon-ng.
- **Programming Languages** : Python, Golang, Bash, C, SQL, HTML/CSS.
- **Other Specialized Tools** : Shodan, Cencys, The Harvester, Maltego, Aircrack-ng, Hydra.
- **Soft Skills** : Analytical & Problem Solving, Team Building & Leadership, Quick Learning & Intuitive.

## CERTIFICATIONS

- **eLearn Junior Penetration Tester | eJPT** ( INE ) – [Link](#)
- **Jr. Penetration Tester | PT1** (TryHackMe) – [Link](#)
- **Ethical Hacking Essentials | CEH | E** ( EC-Council ) – [Link](#)
- **API Security Fundamentals** ( APIsec University ) – [Link](#)
- **Certified in Cybersecurity | CC** ( ISC2 ) – [Link](#)

## ACHIVEMENTS

- Awarded multiple **Hall of Fame** and **Acknowledgement** programs by global organizations **vulnerability disclosure**, Here few :
  - Flipkart
  - HACKEN web & Apps
  - Swaggle
  - Chime U.S
  - Indian Gov
  - Mina Protocol
  - Westpac Banking Corporation
  - U.S SBA
  - Roobet
  - US Gov

## WORK EXPERIENCE

Freelance Penetration Tester | Self-Employed

Present

- Conducted VAPT for Retail and Education Web Platforms, strengthening overall security posture and earned professional fees.
- Completed VAPT for an LLM-based Chatbot Project, acknowledged by the client for improving application security.
- Earned formal acknowledgements and appreciation from clients for securing critical systems and delivering clear, actionable reports.

Offensive Security Intern | Cybrtekninja Private Limited

April 2025 – July 2025

- Conducted VAPT and Red Teaming across Web, API, Network, Mobile, and AI attack surfaces.
- Earned ₹20,000 monthly stipend plus project-based performance rewards

Cybersecurity Engineer Intern | CubeAISolutions Tech Pvt Ltd

August 2024 – October 2024

- Conducted penetration tests and vulnerability assessments to identify and address critical security risks.
- Contributed to risk analysis, incident response, and strengthening cybersecurity protocols.
- Delivered critical insights and implemented strategies to mitigate security risks in projects.

## PROJECTS

- Automated Vulnerability Detection System for GitHub Repositories | [RepoVulnScan IP](#)
- Calculator for IP RANGE, CIDR, HEX, BINARY, DEC | [Internet-CalC](#)
- Extract metadata (including EXIF data) from image files such as PNG, JPG, and JPEG | [Meta-Extractor](#)
- Sending High traffic TCP packets with randomized source IPs and ports to a specified target | [DDoS Wave](#)

## EDUCATION

Dr. Mahalingam College of Engineering and Technology

Tamil Nadu, India

B.E Computer Science ( Cyber Security ) | CGPA : 8.30

July 2023 – July 2027

S.D Eaden Matric Higher Secondary School

Tamil Nadu, India

Higher Secondary Course – 12th Grade | Percentage : 84%

June 2022 – March 2023