VYOM JAIN

vyom.malo6904@gmail.com | GitHub | LinkedIn | Portfolio | TryHackMe

PROFESSIONAL SUMMARY

Penetration Tester – web application, Active Directory, AWS, Mobile Application, Threat Hunting. Hands-on experience in enumeration, lateral movement, privilege escalation, and post-exploitation.

CORE COMPETENCIES

- **Penetration Testing:** VAPT, Web Application VAPT, Mobile Application VAPT, external reconnaissance, initial access, lateral movement, privilege escalation, post-exploitation.
- **Offensive Tool Devops:** Go, Rust, Python, Bash scripting, JavaScript, C.
- **Security Tools:** BloodHound, Impacket, Burp Suite, Nmap, Hashcat, Wireshark, Metasploit Framework, Splunk
- **Defensive Security:** Digital Forensics, Incident Response, threat hunting, log analysis, malware analysis fundamentals

TECHNICAL SKILLS

- **Programming Languages:** Python, Go, Rust, Bash, JavaScript, SQL, C
- **Web Frameworks & Libraries:** Next.js, React, Express.js
- **Cloud Platforms:** AWS – EC2, IAM, S3, Lambda, VPC
- **Security Domains:** VAPT, Web VAPT, Mobile App VAPT, Threat Hunting, DF&IR.
- **DevOps:** AWS, Docker, system administration.

PROFESSIONAL EXPERIENCE

Cybersecurity Community Contributor *2023–2025*
Null Vadodara / TryHackMe Vadodara / Hackers Meetup

- Hands-on technical labs and workshops covering Active Directory, cloud, Web Application Exploitations, CTF's.

PROJECTS

1. FindIt – Reconnaissance Automation Framework *Live | GitHub*

- Built comprehensive end-to-end reconnaissance tool featuring CLI for subdomain enumeration, port scanning, technology stack fingerprinting, WAF detection, and cloud bucket discovery

2. VScan – High-Performance Enumeration *GitHub*

- Developed Go-based vulnerability scanning and network enumeration tool optimized for accuracy and speed in large-scale operations

3. Security Walkthroughs & Blogs

- Published detailed exploit walkthroughs, CTF solutions, and penetration testing case studies demonstrating attack chains and evasion techniques

CERTIFICATIONS

- **Quick Heal Certified:** VAPT, Web Application VAPT, Mobile Application VAPT, Cloud Infrastructure Security, Advanced Threat Hunting & Security Analyst
- **TryHackMe Certified:** Jr Penetration Tester, Web Application Tester, Red Teamer

EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering
Parul University *4th Year — GPA: 8.00*

ACHIEVEMENTS

- Ranked in the **Top 1% globally** on TryHackMe platform with advanced penetration testing and red team credentials
- Competed in national-level Capture-the-Flag (CTF) competitions including **IIT Jammu CTF Challenge** and regional security competitions.