Mohammed Tauseef Ahmed

Jr Penetration Tester   Jan 2025 - Present

✉ tsfahmd01@gmail.com   ☎ +91 90529 72697   in linkedin.com/in/tsfahmd01   🏠 Hyderabad, India

Profile Summary

An entry-level offensive security professional with hands-on experience in penetration testing and vulnerability assessment. Completed 100+ TryHackMe labs (Junior Penetration Testing and Web Fundamentals paths). Built a dedicated penetration testing lab (Kali Linux, Metasploitable, DVWA, OWASP Juice Shop) to practice real-world attack scenarios. Certified eJPT, demonstrating applied knowledge of reconnaissance, exploitation and post-exploitation. Active CTF participant with proven problem-solving skills under time constraints. Seeking a Junior Penetration Tester role with opportunities to grow into advanced offensive security and red team engagements.

Education

B.Tech in CSE (AI & ML)
CMR College of Engineering and Technology   2021–2025

Certifications

- eJPT (INE - eLearnSecurity Junior Penetration Tester)   Oct 2025
- Google Cybersecurity Certificate (V2)   Mar 2025

Experience

Cybersecurity Labs (Self-Directed)   Jan 2025–Present

- Built a local Pen-testing lab using Kali, Metasploitable, DVWA and OWASP Juice Shop to practice exploit and payload development.
- Completed 100+ TryHackMe rooms, including Junior Penetration Tester and Web Fundamentals learning paths, covering reconnaissance, vulnerability assessment, exploitation and reporting.
- Earned eJPT (eLearnSecurity Junior Penetration Tester) certification, demonstrating hands-on proficiency in real-world pentest workflows.
- Active Capture the Flag (CTF) competitor; solved challenges across web exploitation, binary analysis, cryptography, and forensics under time constraints.

Projects

LoMar: A Local Defense Against Poisoning Attacks on Federated Learning
Presented at ICRETM'25

- Designed a defense mechanism to detect and filter poisoned model updates in Federated Learning systems.
- Utilized Kernel Density Estimation on CNN feature embeddings for anomaly detection, with adaptive thresholding.
- Enhanced robustness against label-flipping and stealth poisoning attacks, improved accuracy from 90.1% to 97.0%.

TryHackMe Labs & Capture The Flag (CTF) Challenges

- Completed 100+ TryHackMe rooms; mastering reconnaissance, enumeration, exploitation and post-exploitation.
- Focused on Jr Penetration Tester and Web Fundamentals learning paths to align with real-world techniques.
- Ranked among top 4% of TryHackMe users.
- Regularly participate in CTF competitions, solving challenges in web exploitation, privilege escalation, binary exploitation and cryptography.

Technical Skills

- **Languages:** C++, Python, Bash
- **Security Tools:** Nmap, Nessus, Metasploit, Hydra, GoBuster, Burp Suite, Wireshark, John-the-Ripper
- **Platforms:** Linux (Kali & Parrot), Windows
- **Frameworks:** OWASP Top 10, MITRE ATT&CK
- **Web/Database:** HTML/JS, SQL

Extracurriculars

Goalkeeper – College Football Team Exhibited leadership, discipline, and focus under pressure in tournaments.