

GAURAV SHARMA

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PROFESSIONAL SUMMARY

Offensive security practitioner with hands-on experience in penetration testing, red teaming, and exploit development. Recognized for independently pursuing advanced labs, delivering practical security projects, and sharing insights that strengthen defensive postures across networks, applications, and cloud systems.

EDUCATION

BIKANER TECHNICAL UNIVERSITY

Bachelor of Technology | Computer Science and Engineering

Ajmer, India

Nov 2021 – Jul 2025

- Graduated among the top 1% of the batch with a Cumulative CGPA of 8.07/10 and GPA 3.23.
- Completed relevant coursework in cybersecurity and data science, building foundational skills for offensive security.

EXPERIENCE

TryHackMe

Red Team Practitioner

Remote

Sep 2023 – Present

- Accelerated red teaming expertise by completing 350+ hands-on rooms in 24 months and mastered 7+ red teaming tools, enhancing penetration testing capabilities across diverse simulated environments.
- Ranked in the Top 1% of the TryHackMe community and sustained a leaderboard position of < 4,500.
- Completed the Red Team learning path and applied skills in lab workflows, regularly sharing findings and write-ups with peers to strengthen collaborative learning.

PROJECTS

Bug Helper / Bounty Automation Tool — Python / Bash

Nov 2024 – Mar 2025

- Automated bug bounty workflows, reducing manual task time by 40% and improving reporting efficiency across platforms.

CTF Challenge — Python / Bash

Nov 2024 – Dec 2024

- Planned and delivered a custom Capture the Flag challenge engaging 100+ participants, building practical offensive security skills.

Password Strength Checker — Python

Oct 2024 – Nov 2024

- Developed CLI password strength checker for 500+ users, providing interactive security feedback to increase awareness.

Network Port Scanner & SQL Injection Finder — Python / Bash

Oct 2024 – Nov 2024

- Implemented scanning tools detecting vulnerabilities across 100+ systems, improving testing speed by 50%.

Malware Analysis Lab — Python

Sep 2024 – Oct 2024

- Built systematized malware analysis environments, increasing detection accuracy by 30% and reducing investigation time by 25%.

TECHNICAL SKILLS

Offensive Security Tools: Nmap, Burp Suite, Metasploit, Wireshark, Hydra, John the Ripper, Nikto, Gobuster, SQLmap, BloodHound, Mimikatz, Impacket, Hashcat, Netcat

Programming / Scripting: Python, Bash, SQL, C, C++

Networking / Systems: TCP/IP, Firewalls, Routing & Switching, Linux Administration

CERTIFICATIONS

TryHackMe Certifications — Various Courses TryHackMe

Oct 2023 – Dec 2023

- Earned certifications including CompTIA PenTest+, Junior Penetration Tester, and Red Teaming through independent, self-driven study and practical labs.

Networking Basics — Cisco

Oct 2023 – Nov 2023

- Completed foundational training in routing, switching, and network security principles aligned with industry standards.

Certified Ethical Hacker (CEH) — WscubeTech

Aug 2023 – Jul 2023

- Recognized for expertise in ethical hacking, vulnerability assessment, and penetration testing, validating strong cybersecurity foundations.

TARGET ROLES

Entry-Level Penetration Tester | Junior Red Team Operator | Junior Exploit Developer | Bug Bounty Analyst (Entry) | Junior Application Penetration Tester | Junior Network Penetration Specialist | Junior Cloud Offensive Security Specialist