Harshkumar Prajapati

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LinkedIn | GitHub

Education

National Forensic Sciences University   2024 – 2026
M.Sc. Digital Forensics and Information Security   CGPA: 8.87

Veer Narmad South Gujarat University   2021 – 2024
B.C.A.   CGPA: 7.77

Skills

- **Web Application Security:** OWASP Top 10 (SQLi, XSS, CSRF, IDOR, RCE, SSRF, etc.)
- **Web & Network Penetration Testing:** Burp Suite, OWASP ZAP, Nmap, SQLMap, Hydra, Nessus
- **Bug Bounty Tooling:** Subfinder, HTTPx, Nuclei, Katana, GF patterns
- **Exploit Development & Red Teaming:** Metasploit, reverse shells, privilege escalation (Windows/Linux)
- **Reconnaissance & OSINT:** Subdomain enumeration, endpoint discovery, fuzzing
- **Scripting & Automation:** Python (scan automation, exploit scripts), Bash
- **Security Monitoring:** Wireshark, TCPDump, IDS/IPS basics
- **Current Focus:** Building automation-based VAPT tools for scalable offensive security assessments

Experience

Cyber Security Analyst Intern   May – Jul 2025
Jemistry Infotech
- Conducted penetration testing on Android & Web applications.
- Authored cryptocurrency security report with remediation guidelines.

Developer Team Member   Feb 2025 – Present
BSides Dehradun
- Contributed to community website development.

Projects

Bug Bounty Automation Tool
- Developed reconnaissance & VAPT automation platform integrating Subfinder, HTTPx, Nuclei, Katana, Nmap.
- Reduced manual reconnaissance and vulnerability scanning effort by 60%.
  stegDeep
- Python CLI for image steganography: hide/extract text or files, detect hidden payloads.
- Supported formats: PNG, JPEG, BMP. Built using OpenCV, NumPy, Pillow.
  Diamond Manager
- Enterprise software for diamond inventory, workflow management, barcode generation, and salary automation.

Achievements

- EscalateX V2 Final CTF (Nov 2025) — 1st rank
- Toyota Tsusho Systems Global CTF (Jan 2025) — 7th rank
- NCIIPC-AICTE Pentathon 2025 — Grand Finalist, 10th rank
- Cyber Storm Mumbai CTF — 3rd rank
- NFSU Delhi Campus CTF — 4th rank
- Top 2% on TryHackMe (offensive security labs, CTFs)

Positions of Interest

Open to roles in VAPT, Offensive Security, Red Teaming, or Cyber Security Analysis.