

Aditya Raj Singh

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Cybersecurity enthusiast specializing in offensive security with practical experience in penetration testing and vulnerability assessment. Hands-on work across web and mobile applications, APIs, cloud, and network security; skilled in configuration reviews, Active Directory basics, and Linux hardening. Active CTF participant and bug bounty researcher with published writeups and Hall of Fame recognition. Committed to continuous learning and delivering actionable security findings.

EXPERIENCE

Application Security Researcher – Independent Practice

Mar 2024 – Present

Security Researcher

- Reported valid vulnerabilities on public programs; earned Hall of Fame recognition and bounty.
- Specialized in reconnaissance, misconfiguration detection, and logic flaw exploitation.
- Documented findings with detailed proof-of-concept reports.
- Active in CTFs and security challenges to enhance web application testing skills.

HackersDaddy Cybersecurity Solutions, Hyderabad

Oct 2023 – Mar 2024

Penetration Testing Intern

- Explored web application vulnerabilities (XSS, IDOR, SSRF, authentication flaws) under mentor supervision.
- Performed penetration testing on VulnHub labs and custom vulnerable environments.
- Participated in simulated bug bounty projects on pre-approved websites.
- Authored research reports; one writeup published on the company's blog.

EDUCATION

B.Sc. Computer Science

Aurora Degree & PG College, Hyderabad

2023

GPA: 8.5/10

SKILLS & CERTIFICATIONS

Technical Skills: Web/App/API Security, Network Security, Linux Hardening, Active Directory basics.

Tools: Burp Suite, Nmap, Wireshark, SQLmap, Hydra, Hashcat, Metasploit, Recon automation scripts

Soft Skills: Problem Solving, Documentation, Team Collaboration, Continuous Learning.

Certification:

- eJPTv2 – eLearnSecurity Junior Penetration Tester
- CAP – Certified AppSec Practitioner
- ISO/IEC 27001 – SkillFront Certified

Achievements:

- Hall of Fame mention and monetary reward for valid bug bounty submission.
- Research writeup published on HackersDaddy blog.
- Completed multiple CTF challenges on TryHackMe & HackTheBox.

PROJECTS

- Developed Recon Automation Workflow using assetfinder, httpx, gau.
- Completed DVWA, Juice Shop, and VulnHub machines with documented PoCs.
- Configured SSH, cron, firewall, and logging to harden Linux VM.
- Performed API testing, identified BOLA and auth flaws in mock REST API.