MANISH SINGH

VAPT Analyst
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OBJECTIVE

Cybersecurity professional with over a year of focused experience in bug bounty hunting, specializing in identifying and mitigating vulnerabilities across diverse platforms. Proven track record of successful bug submissions on Bugcrowd. Expertise in web and API penetration testing, with a commitment to continuously improving skills to enhance cybersecurity defenses.

HIGHLIGHTS

- **Practical Experience**: Over a year of hands-on experience as a Bug Bounty Hunter on Bugcrowd, identifying security vulnerabilities for top companies like Dell, Cisco, and Walmart.
- **Practical Exposure**: Gained real-world exposure during my Cyber Security Analyst internship, where I conducted web penetration testing and contributed to building a web reconnaissance tool.
- **Proficient**: Skilled in using tools like Burp Suite, Kali Linux, and web reconnaissance tools for web and API penetration testing.
- **Excellent Understanding**: Deep knowledge of various attack methods, including Cross-Site Scripting (XSS), Authentication Bypass, and Account Takeover vulnerabilities.
- **Application of Skills**: Applied penetration testing techniques such as Red Teaming and Web Penetration Testing to strengthen organizational security postures.
- **Recognition**: Acknowledged in the Hall of Fame and Monetary Reward by multiple global companies for responsibly disclosing critical vulnerabilities.

WORK EXPERIENCE

- **Bugcrowd, Remote** (Start date: 2023 – ongoing)
  Designation: Bug hunter/ Researcher
  Key Learnings:
  - ✓ Identified and responsibly disclosed critical vulnerabilities in top-tier companies such as Dell, Cisco, Walmart, and others, earning recognition in various Hall of Fames.
  - ✓ Expert in security flaws including Account Takeover, Cross-Site Scripting (XSS), Authentication Bypass, and others.
  - ✓ Enhanced organizational security through ethical hacking, thorough vulnerability analysis, and comprehensive Web Application Penetration Testing (WAPT). **Profile:** https://bugcrowd.com/M1S0

- **SwiftSafe, Cyber Security Analyst,**
  Designation: Internship (June 2024 – July 2024)
  Key Learnings:
  - ✓ Conducted hands-on web penetration testing, contributing to the identification of security vulnerabilities.
  - ✓ Gained comprehensive knowledge in API fundamentals.

✓ Collaborated with a team to develop and implement a web reconnaissance automation tool, enhancing efficiency in security assessments.

PROJECT

- **CNAME Sniffer**
  - **Link:** https://github.com/M1S0-0/CNAME-Sniffer
  - ✓ I built CNAME Sniffer to automate the detection of subdomains with vulnerable CNAME records that could be exploited for subdomain takeovers. The tool scans DNS configurations for unclaimed subdomains, making it easier for security researchers and bug bounty hunters to identify and exploit potential takeover opportunities. It uses Python and integrates DNS and HTTP request techniques to detect misconfigurations effectively. This project enhances my ability to find and report vulnerabilities in web applications.

  - **Key Features:**
  - ✓ Automatically scans subdomains for vulnerable CNAME records.
  - ✓ Identifies DNS misconfigurations that could lead to subdomain takeovers.
  - ✓ Lightweight, easy to use, and designed for security professionals.

SKILLS

- **Penetration Testing Tools**: Burp Suite, Kali Linux, Web Recon Tools.
- **Techniques**: Red Teaming, Web Penetration Testing, API Penetration Testing.
- **Frameworks**: MITRE ATT&CK, Metasploit-Framework.
- **Soft Skills:** Communication, Problem-solving, Teamwork, Critical Thinking.

CERTIFICATION

- PentesterLab Certificate **[Essential badge, HTTP Badge, White Badge]** [2024]
- MITRE ATT&CK Framework - Udemy [2024]
- Web Penetration Testing & Bug Bounty - Udemy [2022]

ACHIEVEMENT

Recognized in Hall of Fame and Monetary Reward as Security Researcher by
- **Dell**
- **Cisco**
- **Walmart**
- **Binance**
- **GoPro**
- **Comcast**
- **Xfinity**
- **US Defense**
- **Greenfly**
- **Monash University**

EDUCATION QUALIFICATION

Qualification	University / School	Graduating Year	CGPA/Percentage
MSc Cyber Security	Amity University Rajasthan	2025	7.29

Bachelor of Computer Application	Integral University Lucknow	2023	80.42%
12th	North Point HR Sec. School, Manipur	2019	57%
10th	Assam Rifles School, Kakching Manipur	2017	6.8

CO-CURRICULAR ACTIVITIES/ PARTICIPATION

- Won 1st prize in the CTF (**Capture the Flag**) competition organized at Amity University in 2024 during Odyssey, an annual techno-cultural fest.
- National-level football player, demonstrating teamwork and discipline.

PERSONAL DETAILS

Date of Birth: 14/05/2000
Father Name: Devendra Pratap Singh
Address: Gorakhpur, Uttar Pradesh, India

REFERENCES

On Demand