Jay Soni

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CyberSecurity Analyst

Professional Summary

- Enthusiastic cybersecurity graduate with strong foundational knowledge in vulnerability assessment, penetration testing (VAPT), and network security.
- Holds certifications in CRTA, CRTP, eJPTv2, ICCA, and C3SA, demonstrating proficiency in both offensive and defensive security techniques.
- Experienced in hands-on security projects including red team simulations, web application testing, and infrastructure lab setups using tools like Sliver C2, Wireshark, and PowerShell.
- Adept at leveraging cloud fundamentals (Azure, AWS), Active Directory, and firewall configurations to secure enterprise environments.
- I enjoy learning new technologies and understanding how cyberattacks work so I can better protect systems. I always aim to improve my skills and grow with the company while keeping its data and networks safe.

Certifications

- **Certified Red Team Analyst (CRTA)** – PentesterLab Course
- **Certified Red Team Professional (CRTP)** – Pentester Academy
- **eLearnSecurity Junior Penetration Tester v2 (eJPTv2)** – eLearnSecurity
- **INE Certified Cloud Associate (ICCA)** – Cloud Fundamentals
- **Cyber Security Analyst (C3SA)** – CyberWarfare Labs

Technical Skills

- **Vulnerability Assessment & Penetration Testing (VAPT):** OWASP Top 10, automated scanners (Nmap, Nessus)
- **Active Directory:** AD user/group management, GPO security, AD exploitation (Kerberoasting, AS-REP)
- **PowerShell Scripting:** Automation of tasks, reconnaissance, and attack simulations in Windows environments
- **Sliver C2 Framework:** Deployment of command-and-control servers for red team operations
- **Wireshark:** Network traffic analysis and packet inspection for anomaly detection
- **Cloud Security (Azure, AWS):** Fundamental cloud services, IAM, and basic cloud deployment/attack simulations
- **Firewall Configuration:** Setup and testing of network firewalls and security groups
- **Networking (CCNA/CCNP):** TCP/IP, routing, switching, and subnetting; hands-on lab experience
- **Bypass Methodologies:** Techniques for evading IDS/IPS and antivirus (e.g., obfuscation, custom payloads)

Projects

- **Red Team Lab Simulations:** Designed and executed multiple attack scenarios in a virtual lab. Configured Sliver C2 for post-exploitation, simulating real-world adversary tactics against a test network.
- **Web Application Security Testing:** Performed penetration tests on web applications, identifying and exploiting OWASP Top 10 vulnerabilities (XSS, SQLi, CSRF) using tools like Burp Suite and OWASP ZAP.
- **Infrastructure Lab Setup:** Built an isolated enterprise network environment with Active Directory, Windows and Linux hosts, and firewall devices. Deployed attack tools and conducted scenario-based testing to evaluate security controls.

Education

Bachelor of Engineering in Computer Engineering – Monark University, Ahmedabad (2021 – 2025)