NILESH RATHOD

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SUMMARY

Highly motivated and **Certified Web Penetration Tester (V3)** and **Certified Cyber Security and Ethical Hacker** with a BSc in Computer Science. Possessing hands-on experience in **web application**, **network**, and **system penetration testing**, **vulnerability assessment**, and **exploitation** of **OWASP Top 10** vulnerabilities. Proficient with industry-standard tools including **Burp Suite**, **Nmap**, **Metasploit**, and **Nessus**. Eager to contribute to secure development by identifying vulnerabilities and providing effective solutions.

EDUCATION

Bachelor of Science in Computer Science - Bamu University, Ch. Sambhaji Nagar   May 2025

CERTIFICATIONS

- **Certified Web Penetration Tester V3** | MRWEBSECURE, Andheri, Mumbai | July 2025
- **Certified Cyber Security and Ethical Hacker** | MRWEBSECURE, Andheri, Mumbai | March 2025

TECHNICAL SKILLS

- **Web & API Security:** OWASP Top 10 (SQLi, XSS, CSRF, Command Inj., SSRF, SSTI, File Inclusion, IDOR), Authentication/Authorization Bypass (OTP, Client-Side, JWT), WebSocket, API Pentesting.
- **Network & System Security:** Nmap, Wireshark, Metasploit (Exploitation, Post-Exploitation, Meterpreter, Pivoting), Privilege Escalation (Windows/Linux), Malware Analysis (Backdoors, AV Bypass), Credential Harvesting, Password Cracking (John the Ripper, Hydra), MITM, DoS/DDoS.
- **Mobile & Wireless Security:** Android Hacking (APK Reverse Engineering, Insecure Data Storage - JADX, MobSF), WEP/WPA/WPA2 Cracking (Aircrack-ng), Evil Twin, Deauthentication.
- **Vulnerability Assessment & Tools:** Burp Suite, OWASP ZAP, Nessus, sqlmap, DVWA, bWAPP, Juice Shop, Shodan, Google Dorks.
- **Core Concepts:** Ethical Hacking, Linux (Kali, Parrot, Bash Scripting), OSI/TCP-IP, Reconnaissance, Social Engineering, Phishing, Cryptography, Steganography, Security Compliance (GDPR, ISO 27001), Vulnerability Reporting (CVSS, PoC).
- **Languages:** Bash Scripting, Python (Basic).

PROJECTS & PRACTICAL EXPERIENCE

- **Web App Pentesting (DVWA & bWAPP):** Exploited common OWASP Top 10 vulnerabilities (XSS, SQLi, Command Injection); documented findings with PoCs and remediation.
- **Android App Security Analysis:** Performed APK analysis (jadx); identified and exploited insecure data storage vulnerabilities.
- **System Exploitation (Metasploit):** Executed system exploits on vulnerable VMs (e.g., EternalBlue); established reverse shells for access.
- **Network Reconnaissance:** Conducted network scanning (Nmap) for service enumeration, OS fingerprinting, and attack vector mapping.

LANGUAGES

- English (Professional Working Proficiency) , Hindi (Fluent) , Marathi (Fluent)