Anto Sebastine Jebin

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SUMMARY

Cybersecurity enthusiast skilled in red teaming, penetration testing, and vulnerability assessment with strong knowledge of offensive tools, web security, and OWASP practices.

EXPERIENCE

Support Engineer – Network

Keva – Fragrances, Flavours & Aroma Ingredients - Deployed By Techigent Technologies   **June 2025 – Present**

· Managed 25+ FortiGate firewalls globally — rule config, firmware upgrades, and patching with zero downtime.
· Conducted web app red teaming & VAPT; found 10+ valid vulnerabilities and validated fixes.
· Implemented and tuned web-filtering, IPS, antivirus, and application control to minimize false positives.
· Configured & optimized site-to-site and remote VPNs with certificates, MFA, and performance tuning (50+ users, +15% throughput).
· Supported red-team exercises and produced remediation playbooks to improve detection & response.

Cyber Security Intern

CodeAlpha   **May 2025 – August 2025**

· Applied Cybersecurity Principles: Gained hands-on experience in identifying vulnerabilities, implementing security controls, and conducting risk assessments through basic python scripts.
· Developed Practical Skills: Built a strong foundation in network security, ethical hacking, encryption, and threat detection through real-world projects.
· Professional Presentation: Delivered a company-assigned presentation on cybersecurity topics and received positive feedback for clarity and technical accuracy.

Cybersecurity Intern

Prodigy IntoTech   **April 2025 – May 2025, India**

· Completed an internship developing a Caesar Cipher program, an image encryption tool, and a password complexity checker.
· Built a keylogger prototype for ethical research purposes.
· Created a network packet analyzer to analyze and interpret traffic.

PROJECT

Website Vulnerability Scanner & Network Toolkit (Autoxploit)

Final Year Project · github.com/Jebin-Projects/Autoxploit-The-All-in-One-Hacking-Solution.git

· Developed Autoxploit , a Python-based web vulnerability scanner with a GUI built using HTML, CSS, JavaScript, and Node.js.
· Implemented modules for detecting SQL Injection, XSS (reflected & stored), CSRF, and insecure File Upload vulnerabilities.
· Tested the tool on 15+ local applications and personal websites to validate accuracy and performance.
· Integrated a custom network scanner inspired by Nmap for active reconnaissance and system mapping.

Vulnerability Assessment & Penetration Testing (VAPT)

Zero Bank Simulation

· Conducted a full-scale security assessment simulating external and internal attacks on Zero Bank's network, Active Directory, and web applications (DVWA, Mutillidae, VSFTPD).
· Performed reconnaissance, vulnerability analysis, exploitation, and post-exploitation using tools such as Nmap, Nessus, Burp Suite, Metasploit, SQLMap, Hydra, and Wireshark.
· Identified 20+ vulnerabilities including SQL Injection, XSS, CSRF, EternalBlue (MS17-010), VSFTPD backdoor, weak AD policies, and insecure file uploads.
· Delivered a professional VAPT report with risk classification (CVSS), detailed findings, and actionable remediation recommendations to strengthen security posture.

SKILLS

Penetration Testing, Network Security, Vulnerability Assessment, Firewall (Fortinet), IDS/IPS, SIEM Framework, OWASP Top 10, Linux Administration, Python, Bash Scripting, Web Application Security, Scanning Networks, Enumeration, System Hacking, Burp Suite, Nmap, Nikto, OpenVAS, Metasploit, Wireshark.

HTML, CSS, JavaScript, Node.js *(Fundamental Knowledge)*

COURSEWORK

CyberSecurity with GenAi Advanced Program
NIIT · 2025

Certified Ethical Hacker (CEH)
RST Forum · 2024

Cisco Certified Network Associate (CCNA)
RST Forum · 2024

EDUCATION

Bachelor of Science – Information Technology
SIES College Of Arts Science and Commerce · Mumbai · 2025 · 7.47 CGPA

Higher Secondary Education (HSC)
St. Xavier's High School and Junior College · Mumbai · 2021 · 72.33 %

Secondary And Higher Secondary (SSC)
Holy Family High School · Mumbai · 2019 · 60.40 %