

# Anto Sebastine Jebin

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## SUMMARY

Cybersecurity enthusiast with hands-on experience in developing encryption tools, keyloggers for ethical research, and a network packet analyzer. Skilled in penetration testing, vulnerability assessment, and secure coding practices. Eager to contribute to dynamic security teams and strengthen system defenses.

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## EXPERIENCE

### Support Engineer – Network

**Keva – Fragrances, Flavours & Aroma Ingredients – Deployed By Om Sai Corporation**

**June 2025 – Present**

- Manage 25+ FortiGate firewalls across global sites, performing rule configuration, firmware upgrades, and security patching with zero downtime.
- Implement and maintain security policies for web-filtering, antivirus, IPS, and application control, minimizing false positives.
- Configure and support VPNs (site-to-site & remote access) with authentication, certificates, and performance tuning.
- Configured and optimized VPN services (remote-access) for **over 50+ users**, improving connection speeds by **15%** and ensuring secure, reliable access.
- Administer Windows/Linux servers, including DNS, DHCP, patching, and performance monitoring.

### Cyber Security Intern

**CodeAlpha**

**May 2025 – August 2025**

- Applied Cybersecurity Principles: Gained hands-on experience in cybersecurity principles and practices, including identifying vulnerabilities, implementing security measures, and conducting risk assessments.
- Developed Practical Skills: Learned about network security, ethical hacking, encryption, and threat detection through practical, real-world projects.
- Completed a Security Project: Designed and implemented a project focused on either creating a bug bounty tool to identify code flaws or building an RFID blocking system to prevent data theft.

### 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.

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## PROJECT

### Website Vulnerability Scanner & Network Toolkit (Autoxploit)

[github.com/Jebin-Projects/Autoxploit-The-All-in-One-Hacking-Solution.git](https://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.

### Network Interceptor Downloader ( NetInject )

[github.com/Jebin-Projects/Web-Verse-developed-ByJebin.git](https://github.com/Jebin-Projects/Web-Verse-developed-ByJebin.git)

- Developed **Net Inject**, a Python-based network interception tool that captures HTTP requests and forces the download of specified files across the network using traffic manipulation.
- Engineered a custom packet injection mechanism to intercept and modify data streams, enabling precise delivery of targeted payloads to connected devices.
- Designed Net Inject to simulate advanced attack techniques similar to port scanning and banner grabbing, making ideal for red team exercises and testing network-layer security.

### 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.

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## SKILLS

Technical Skills: Penetration Testing, Network Security, SIEM Framework, OWASP Top 10, Python, Linux Administration, Firewall IPS/IDS, Fortinet Firewall, SANS 25, Vulnerability Assessment, Bash Scripting, BurpSuite, OpenVAS, Nikto.

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## COURSES / TRAININGS

### CyberSecurity with GenAi Advanced Program

NIIT • 2025

**Certified Ethical Hacker (CEH)**

RST Forum • 2024

**Cisco Certified Network Associate ( CCNA)**

RST Forum • 2024

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**EDUCATION**

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**Bachelor of Science – Information Technology**

SIES College Of Arts Science and Commerce • Mumbai • 2025

**HSC**

St. Xavier’s High School and Junior College • Mumbai • 2021

**SSC**

Holy Family High School • Mumbai • 2019

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