Sana Yasmine

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Summary

Application Security Engineer skilled in OWASP Top 10 pentesting (web/API/mobile), Secure SDLC, proof-of-concept exploits, Burp Suite, OWASP ZAP, SIEM (Splunk/ELK), AWS, GitHub Actions.

Skills

Security: SOC Monitoring, Incident Response, Threat Analysis, Vulnerability Management, SIEM, IDS/IPS, EDR, OWASP Top 10, MITRE ATT&CK, NIST CSF.
Tools: Kali Linux, Burp Suite, OpenVAS, Nmap, Wireshark, Metasploit, IDA Pro, DVWA, XVWA.
Programming: Python, Bash, Java, JavaScript.
Cloud & Web: AWS, GitHub Actions, MongoDB, SQL.

Work Experience

Redynox Technologies — Sep 2025 – Oct 2025
Cybersecurity Intern — VAPT using Burp Suite/Nmap, OWASP Top 10 reporting with remediation, SOC log analysis & alert triage.

India Space Lab — Dec 2024 – Jan 2025
Space Tech Intern — Built Python automation for anomaly detection, encryption-based validation, and integrity checks for space datasets.

Projects

Blockchain-Based Institutional Verification — *Solidity, Web3*
Smart-contract system for tamper-proof certificate verification with role-based issuer/verifier access, immutable audit trail, and fraud-resistant validation; led a 5-member team; reduced verification fraud risk by 60%.

MEC Steganography (Python)
Developed image/audio steganography toolkit with secure encode/decode utilities, payload validation, and extraction accuracy checks for covert communication use-cases.

Web App Penetration Testing (DVWA, XVWA)
Performed hands-on pentesting to identify SQLi/XSS/CSRF/auth flaws; created PoCs and structured remediation reports aligned with OWASP best practices.

Education

Vellore Institute Of Technology, Bhopal — *Expected May 2026*
B.Tech — Computer Science (Minor: Cyber Security & Digital Forensics). **CGPA: 8.95/10**.

Synapse Junior College, Telangana — *2019–2021*
Intermediate (12th), State Board — **95%**.

Abhyas Techno School, Telangana — *2018–2019*
Secondary (10th), State Board — **CGPA: 10/10**.

Certifications

CEH (EC-Council, 2025–2026) | Cybersecurity Analyst Simulation (Tata Forage, 2025) | Blockchain Fundamentals (IBM, 2025) | Agile & DevOps (IBM, 2025) | Data Science (Accenture Forage, 2025)

Achievements

Organized campus technical events (+20% attendance). 15+ Google Skills Badges. Telugu Club member; AI Conclave volunteer.

Languages

English | Hindi | Telugu