# Sana Yasmine

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## Summary

Cybersecurity and Application Security Engineer with hands-on experience in VAPT for web applications and APIs. Skilled in OWASP Top 10 testing, reconnaissance, proof-of-concept exploitation, and writing risk-based vulnerability reports with clear remediation guidance. Strong foundation in Secure SDLC, incident triage, Linux security tooling, AWS fundamentals, and DevSecOps automation using GitHub Actions. Proficient in Python, Bash, Java, and JavaScript for scripting and secure development.

## 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: 8.97/10**.

**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