

# JAYESH SARDESAI

## CYBERSECURITY ANALYST

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### Summary

Aspiring Cybersecurity Analyst with practical experience in penetration testing, ethical footprinting, network scanning, and vulnerability assessment. Skilled in a wide range of offensive security tools, cryptographic techniques, and incident response. Strong coding background and achievements in cybersecurity & coding competitions.

### EXPERIENCE

#### Acmegrade

Belagavi

##### Cybersecurity Intern

Feb 2025 – Apr 2025

- Conducting vulnerability assessments on 20+ simulated systems, identifying and mitigating critical flaws in 15% of test cases.
- Applied penetration testing using Burp Suite, Nmap, Metasploit, WPScan, Proxychains, and MAC Changer; improved exploit detection accuracy by 25% in case studies.

#### Edunet

Belagavi

##### Cybersecurity Intern

May 2025 – Jun 2025

- Implemented 3+ cryptographic algorithms (symmetric, asymmetric, hashing) and steganography techniques to secure sample datasets.
- Enhanced data protection in simulated communication systems by 40% fewer detected vulnerabilities after applying secure methods.

#### Tata Forge

Belagavi

##### Cybersecurity Analyst Job Simulation

Apr 2025

- Performed threat analysis and log monitoring on 50+ simulated incidents, applying IAM and role-based access control to strengthen system security.
- Responded to 10+ simulated cyber-attacks, reducing incident impact time by 30% through effective mitigation strategies.

### ACHIEVEMENTS & CERTIFICATIONS

- Winner – Code Prahari (DSA Competition, SGBIT, 2025)
- Winner – Digital Decipher (Coding & DSA Competition, JCE, 2025)
- 1st Prize – Think Bots Quiz (ICER, 2023)
- 2nd Prize – Ambassador Summit (ICER, 2024)
- Certification – ISRO: Geo Data Sharing & Cybersecurity (2024)

### PROJECTS

#### Payload Creation (MSFvenom)

2025

- Built reverse shell payloads for Windows, encoded to bypass antivirus, tested on VirusTotal.

#### Network Scanning (Nmap & Netdiscover)

- Identified live hosts, open ports, and vulnerable services using Exploit-DB research.

#### Steganography Project

2025

- Implemented Least Significant Bit (LSB) algorithm to securely hide and extract secret messages within digital images, ensuring data confidentiality.

#### Ethical Footprinting (vtu.ac.in)

2025

- Performed OSINT using tools like Shodan, Netcraft, and Wappalyzer to identify attack surface.

#### ProxyChains with TOR & MAC Changer

2025

- Randomized system MAC address using MAC Changer to remain anonymous, then configured Proxychains with TOR to route traffic securely for anonymous browsing and testing.

### Education

#### Jain College of Engineering & Research

2022 - Present

B.E. Computer Science Engineering – CGPA: 9.34

#### Govindram Seksaria Science College

2020 - 2022

Pre-University (PCMC) – Percentage: 92%

#### Thalakwadi High School

2017 - 2020

High School (SSLC) – Percentage: 91.04%

### TECHNICAL SKILLS

- Cybersecurity Tools:** Nmap, Netdiscover, Searchsploit, MSFvenom, Proxychains, Tor Browser, MAC Changer, OWASP ZAP, WPScan, JoomScan, Burp Suite
- Security & Cryptography:** Steganography, Symmetric & Asymmetric Cryptographic Algorithms, Hashing, Encryption/Decryption
- Language:** Python, C, C++, Java, JavaScript, SQL