

# Soni Kumar Yasarapu

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## Summary

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Cybersecurity enthusiast with strong interest in SOC operations and VAPT. Skilled in vulnerability analysis, network traffic monitoring, and threat detection using tools like Splunk, OSINT frameworks, Nmap, Burp Suite, and Metasploit. Familiar with Azure cloud ,aws , Linux/Windows system internals, and core networking concepts. Demonstrated leadership as ACM Chapter Chairperson and Yantrikey Club President. Highly motivated to learn, execute real-world projects, and grow in a professional cybersecurity environment.

## Education

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**ICFAI University, Hyderabad** – B.Tech in Computer Science (GPA: 7.40)

Aug 2022 – 2026

## Key Projects

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### VAPT Report on Student Portal

Jan 2025 – Feb 2025

- Performed Vulnerability Assessment and Penetration Testing on a web application used by college students.
- Discovered high-impact flaws including SQL Injection, XSS, weak session management, and IDOR.
- Used Burp Suite, OWASP ZAP, Nmap, Nikto, SQLMap, and directory enumeration tools.
- Delivered a detailed VAPT report with CVSS-based severity ratings and remediation steps.

### BlockVault — Blockchain Document Storage

Jan 2025 – May 2025

- Built decentralized file storage using IPFS and Ethereum smart contracts.
- Implemented secure metadata handling and transaction verification using MetaMask and Ganache.
- Designed a web interface for uploading, retrieving, and validating documents via IPFS hashes.

### Network Packet Sniffer

Jul 2025

- Developed a Python-based packet sniffer using Scapy on Kali Linux.
- Captured and analyzed TCP/UDP/ICMP traffic; extracted headers and payload patterns.
- Built custom filters to detect suspicious or malformed network packets.

## Experience

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### 3T Worldwide Pvt. Ltd., Hyderabad

– Internship & Part-Time

Jun 2024 – Aug 2024

- Worked on Salesforce CRM for managing supplier data, updating records, and tracking client interactions.
- Streamlined data sourcing and improved information consistency across CRM modules.

### Leadership Roles at ICFAI Tech

2023 – 2025

- **ACM Student Chapter Chairperson & Yantrikey Club President:** Organized workshops on cybersecurity, ethical hacking, and cloud computing; guided peers in hands-on labs.
- **Finance Head, Thrithi 2025:** Managed budget planning, sponsorships, and financial operations for the annual tech fest.

## Skills

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**Cybersecurity:** SOC Monitoring, Threat Detection, Incident Response, VAPT, SIEM (Splunk), OSINT, Web Security Testing.

**Technical:** Networking (TCP/IP, DNS, Firewalls), Linux/Windows Administration, Python, Java, C, Solidity, MySQL, Git.

**Soft Skills:** Problem-Solving, Communication, Leadership, Documentation, Time Management.

## Certifications

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Google Cybersecurity Professional (Part 2), Palo Alto (Cloud Security, Network Security, Web Attacks), Splunk Hands-on, CEH (NSDC India), Skill India Cybersecurity, Linux Essentials, Code Alpha Cybersecurity Internship, MATLAB, Kaggle Python, AWS Academy, Tata Cybersecurity.

**In Progress:** CEH v13 (EC-Council).