

Sana Yasmine

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Professional Summary

Motivated software developer and cybersecurity enthusiast with practical experience in penetration testing, blockchain application development, and AI/ML. Skilled in secure programming, system analysis, and cloud deployment. Strong academic record with a passion for problem-solving and innovation.

Skills

Programming: Python, C++, Java, JavaScript

Web: HTML, CSS, Bootstrap, SQL

Security: Kali Linux, Burp Suite, OpenVAS, Plaso, ARPwatch, IDA Pro, DVWA, XOWA

Blockchain: Solidity, Web3, Metamask, Keccak

AI/ML: TensorFlow, Keras, OpenCV, Flask, Django

Tools: Git, VS Code, Node.js, Express, React, MongoDB, AWS

Education

VIT Bhopal University, Bhopal, India

B.Tech Computer Science (Minor: Cyber Security & Digital Forensics), Expected May 2026

CGPA: 8.95/10

Synapse Junior College, Telangana — 12th, State Board, 95%

Abhyas Techno School, Telangana — 10th, CGPA 10/10

Certifications

- CEH — EC-Council (May 2025–Jun 2026)
- Blockchain Fundamentals — IBM (Apr 2025)
- Agile Methodologies — IBM (Apr 2025)
- DevOps, Agile & Design Thinking — IBM (Apr 2025)
- Cybersecurity Analyst Job Simulation — Tata Forage (Nov 2025)
- Introduction to Data Science — Accenture Forage (Nov 2025)

Projects

CraftConnect — Smart Service Platform

Designed a web platform connecting users with reliable professionals for services (plumbing, babysitting, cleaning) with job insights and emotional intelligence tools. Implemented authentication, bookings, and CI/CD pipeline using GitHub Actions and AWS.

Tech: Node.js, Express, React, MongoDB, GCP, GitHub Actions.

Blockchain-Based Institutional Data Verification

Developed a blockchain platform for secure institutional data storage and verification using smart contracts; led a 5-member team — 30% efficiency improvement, 60% fraud risk reduction.

Tech: Solidity, Web3, Node.js, React, MongoDB.

MEC Steganography (Python)

Tool to hide/extract data in images and audio using quantization and run-length encoding.

Web App Penetration Testing (DVWA, XOWA)

Performed VAPT with Burp Suite and Kali; found SQLi, XSS, CSRF and auth flaws; documented remediations.

Experience

India Space Lab

Dec 2024 – Jan 2025

Space Tech Intern

- Researched space technology solutions and analyzed space-borne data for system automation.

Redynox Technologies

Sep 2025 – Oct 2025

Cybersecurity Intern

- Conducted VAPT using Burp Suite and Nmap; identified vulnerabilities and documented mitigations.
- Assisted with infrastructure security improvements.

Extracurricular

- Telugu Club Member (Feb 2023–Present): ran promotions, increasing event participation by 20%.
- AI Conclave '24 — Decor Volunteer: assisted with event logistics and decor.

Achievements & Languages

- Maintained CGPA 8.95; earned 15+ Google Cloud skill badges.
- Languages: Hindi (Fluent), English (Fluent), Telugu (Fluent).