VISHVAM J. JOSHI

Linkedin Github HackTheBox LeetCode

E-mail: vjjoshi2005@gmail.com **Mobile:** +91 98255 89781

SUMMARY

Certified Cybersecurity Technician by EC-Council with hands-on experience in digital forensics, SOC analysis, and VAPT. As a cybersecurity student and digital forensics intern, I've developed multiple tools and projects aiding law enforcement and enhancing cyber resilience. Passionate about building real-world solutions across forensics, automation, and secure web systems. Constantly evolving through personal research, open-source contributions, and red-blue team exercises.

EDUCATION

- **PARUL UNIVERSITY – VADODARA** **B.Tech- CSE- Cyber Security** (2022-Present)

SKILLS

o Reverse Engineering & Malware Analysis	o Cloud Penetration Testing	o Python
o Digital Forensics	o Network Security & Pentesting	o Bash
o Incident Response	o Mobile Application Pentesting	o Java
o IOT/OT security	o Web Application Pentesting	o C/C++
o Source Code Review	o VAPT	o DevSecOps

WORK EXPIRIENCE

- **CID CRIME GUJARAT POLICE** :- **Digital Forensics Intern** **Nov 2024 – May 2025**
  - Conducted forensic investigations on digital devices, including mobile phones, computers, and storage media.
  - Performed APK analysis and reverse engineering to extract critical evidence from Android applications.
  - Utilized forensic tools such as UFED, FTK Imager, and Autopsy for data recovery and analysis.
  - Conducted malware reverse engineering to identify and analyze malicious code.
  - Assisted in building web portals and tools for law enforcement agencies to streamline investigations.
  - Documented findings and prepared forensic reports to aid in cyber crime investigations.

PROJECTS

- Absconders Portal
  - **Developed "Absconders Portal"**, a full-stack web application for law enforcement agencies in Western India to digitally manage and track criminal absconders using a secure, searchable database.
  - **Engineered the system using TypeScript, JavaScript, JSON, and MongoDB**, with local storage for images and records, ensuring efficient retrieval, data integrity, and offline functionality.
  - **Integrated advanced search and maintenance features** to streamline criminal profiling, enabling faster decision-making for field investigators and police departments.
- TelePass (Password-Manager)
  - **Secure Telegram-Based Password Manager** utilizing **2048-bit RSA encryption** with separate public/private key pairs to ensure **MITM protection** and **user-specific encrypted storage**.
  - Supports **CRUD operations** (/add, /get, /delete, /list), ensuring **no plaintext password storage** with secure key management.
  - Uses **JSON-based encrypted storage** with **runtime read/write** and **user data isolation** for enhanced security.
- Sharencrypt-p2p-file-sharing
  - Built a secure **P2P file sharing system** using JavaScript and Node.js with a **custom WebSocket relay server**.
  - Implemented **end-to-end encryption (AES-GCM)** with unique session keys for secure file transfer.
  - Enabled **NAT/firewall traversal and automatic reconnection** without relying on WebRTC.
  - Designed chunked file transfer **with real-time progress tracking.**
  - Deployed server and client across platforms like Heroku, AWS, Netlify, and Vercel.

CERTIFICATION & ACHIEVEMENT

o Certified CyberSecurity Technician (CCT) o Dev-Sec-Ops (Course & Skills) o Owasp top 10 Docker Kubernetes (Courses & Skills)

DRIVE LINKS → o CERTIFICATION & ACHIEVEMENT o COURSES & SKILLS