JAYVEER VASAVA

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SUMMARY

Cyber security professional specialising in digital forensics, threat detection and security operations. Built a cross-platform forensics framework with tamper-proof chain of custody, a hybrid intrusion detection system and a SOC monitoring platform. Google Cybersecurity certified, with hands-on experience in malware analysis, network traffic analysis and secure web development.

EDUCATION

M.Tech, CSE (Cyber Security), Parul Institute of Engineering & Technology, Parul University — 2025 – 2027

B.Tech, Computer Science & Engineering, Parul Institute of Technology, Parul University — 2021 – 2025

EXPERIENCE

Cyber Security Intern, SkillFied Mentor — Feb 2026 – Mar 2026

- Performed vulnerability assessment and OWASP Top 10 web security testing.
- Built a packet sniffer with ARP spoofing detection (Scapy, Flask) and an antivirus simulator using signatures, YARA-style rules and heuristics.

Web Development Intern, Arth Consultancy Services — Dec 2024 – Feb 2025

- Built PHP/MySQL web modules with secure login, CRUD operations, an admin dashboard and SQL injection prevention.

Summer Intern, byteXL — May 2024 – Jun 2024

- Data structures and algorithms with Python, databases and Git.

PROJECTS

CP-DFIR: Cross-Platform Digital Forensics Framework (M.Tech dissertation) — Live · GitHub

- Collects evidence from Windows, Linux and AWS and correlates it into one attack timeline using **57 MITRE ATT&CK-mapped rules**.
- Hash-chained chain-of-custody ledger **detected 25/25** simulated evidence-tampering attempts.

RELIC-IDS: Hybrid Intrusion Detection System — Live · GitHub

- Analyses PCAP, flow and live traffic with three detection layers, explainable alerts and PDF incident reports.

VGIL: SOC Threat Monitoring Platform — GitHub

- Node.js, Express and SQLite platform with 45+ REST endpoints, live alert streaming, session authentication and a detection engine.

Static File Inspector (malware analysis) — Live · GitHub

- Analyses files without executing them: hashes, entropy, strings, PE structure, IOC extraction and MITRE ATT&CK mapping.

rootjavs: Online Learning Platform (founder) — rootjavs.in · GitHub

- Live learning website with lessons, in-browser labs, timed exams and verifiable certificates, built with HTML, CSS and JavaScript.

SKILLS

Security: Digital forensics (DFIR) · SOC monitoring · Incident response · OSINT · Malware triage · Network traffic analysis (PCAP) · MITRE ATT&CK · Wazuh (SIEM) · OWASP Top 10

Development: Python · SQL / MySQL · JavaScript · Node.js · PHP · HTML / CSS · Git / GitHub · Linux · Data Structures & Algorithms

CERTIFICATIONS

- Google Cybersecurity Professional Certificate, 8 courses (Jan 2026)
- HackerRank SQL (Advanced) · NPTEL Data Analytics with Python (IIT Roorkee) · Cisco C++ Essentials
- Workshops: Digital Forensic Investigation · OSINT Fundamentals · AI in Cybersecurity

ACHIEVEMENTS & LANGUAGES

CTF: Cybertec8 CTF Battle 2026 · Cybertec8 Mini CTF 2026 · SecLeaf Q2 CTF 2026 · Breach Havoc CTF (TryHackMe Parul Chapter)

Languages: English · Hindi · Gujarati