VANSH SHETH

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Summary

Motivated Computer Science & Cybersecurity student with hands-on internship experience in vulnerability assessment, penetration testing, and secure web development. Certified in Cybersecurity Foundation and Network Security Fundamentals (Palo Alto). Eager to leverage SIEM concepts, threat detection skills, and full-stack security knowledge in a SOC Analyst role.

Education

Parul University — June 2024 – Present
B.Tech – Computer Science & Cybersecurity — CGPA: 7.96 (6th Sem) — *Vadodara, Gujarat*

ITM(sls) Baroda University — June 2021 – May 2024
Diploma – Computer Science & Engineering — CGPA: 8.69 — *Vadodara, Gujarat*

Sarwamangal School — June 2020 – April 2021
Secondary School Certificate (SSC) – 10th Standard — 62% — *Vadodara, Gujarat*

Work Experience

Cyber Security Intern — Jan 2026 – Feb 2026
Redynox Solutions — *Remote*

- Performed vulnerability assessments and basic penetration testing on web applications, identifying and documenting security weaknesses (OWASP Top 10 vectors).
- Assisted in log analysis and basic security event monitoring to support incident identification.

Fullstack Developer Intern — Jan 2024 – Apr 2024
V-ex Tech Solutions — *Vadodara, Gujarat*

- Applied secure coding practices (input validation, API authentication) while building the Smart Cab real-time booking platform using Node.js, Express.js, and React.js.

Technical Skills

Security: Vulnerability Assessment, Basic Penetration Testing, OWASP Top 10, Incident Documentation, Secure Coding, Network Security Fundamentals
Tools & Platforms: Wireshark (basic), Burp Suite (basic), Linux CLI, Git/GitHub
Networking: TCP/IP, HTTP/HTTPS, DNS, Firewall concepts, Network Security (Palo Alto certified)
Development: HTML5, CSS3, JavaScript, React.js, Node.js, Express.js
Databases: MongoDB, MySQL

Projects

B-MADS | *Browser-Based Malware Analysis & Detection System* — 2026

- Built a web platform to detect suspicious file behavior using rule-based logic and structured backend processing – simulating core SOC triage workflows.

Garage Stock Management System | *Inventory & Alerting System* — 2026

- Designed a dynamic inventory tracker with real-time low-stock alerts and optimized database operations for auditability and data integrity.

Savior | *AI-Powered Study Assistant* — 2025

- Developed an AI-integrated learning platform with quiz generation, summarization, and progress tracking using Node.js and REST APIs.

Smart Cab Point | *Real-Time Cab Booking Platform* — 2024

- Engineered a full-stack application with secure REST APIs, role-based access, and optimized database operations; implemented input sanitization to prevent injection attacks.

Certifications

Cybersecurity Foundation – Palo Alto Networks
Network Security Fundamentals – Palo Alto Networks
Cloud Security Fundamentals – Palo Alto Networks
Cryptography & Network Security – NPTEL
Introduction to IOT – NPTEL