

SAHIL RAJESH SHRIWARDHNAKAR

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PROFESSIONAL SUMMARY

Entry-level Cyber Security Analyst (SOC L1) with hands-on training in log monitoring, alert triage, incident response, and network traffic analysis. Experienced with Splunk SIEM, Wireshark, Nmap, and Linux log analysis to detect suspicious activity and security incidents. Strong foundation in incident response lifecycle, root cause analysis, security compliance basics (ISO 27001, NIST CSF), and documentation. Motivated, quick learner, and comfortable working in 24x7 SOC environments with a customer-centric approach

SOC HANDS-ON EXPERIENCE / SECURITY LABS

- Monitored and analyzed **Windows and Linux log sources** using **Splunk SIEM** to detect suspicious login attempts, access anomalies, and potential security incidents.
- Performed **alert triage**, severity assessment, and basic incident investigation following the **incident response lifecycle** (detection, triage, containment, remediation, reporting).
- Conducted **root cause analysis** for simulated brute-force and phishing incidents and documented corrective and preventive actions.
- Created basic **Splunk searches and dashboards** to visualize failed logins, unusual access patterns, and IP-based anomalies.
- Analyzed **TCP, DNS, and HTTP traffic** using **Wireshark** to identify port scans, abnormal connections, and suspicious network behavior.
- Performed basic **IOC analysis** (IP addresses, domains, hashes) using public threat intelligence platforms to validate malicious indicators.
- Prepared concise **incident reports and summaries** with attention to SLA awareness and stakeholder communication.

EXPERIENCE

Computer Typing Instructor

Aug 2024 – Jul 2025

Alibag, Maharashtra

Apex Computer Education (Government Recognised)

- Trained students in computer fundamentals and typing accuracy through structured, progressive practice sessions.
- Prepared learners for Government-approved typing examinations, helping them meet required accuracy and speed benchmarks.
- Maintained training records, attendance logs, and student progress reports with consistency and attention to detail.
- Delivered lessons with clarity, patience, and adaptability to various learning speeds and student needs.
- Demonstrated professionalism, punctuality, teamwork, and effective communication, contributing to smooth institute operations.
- Experience Certificate:** [View Certificate](#)

PROJECTS

PixelVault Bot - Secure Steganography Telegram System | [Demo Link](#)

- Built a high-security Telegram steganography bot enabling covert transmission of files and text by embedding encrypted payloads inside images, audio, and text using optimized LSB and homoglyph techniques.
- Designed a modular cryptographic workflow using AES-128 (Fernet) and PBKDF2-HMAC-SHA256, strengthening confidentiality and resistance to brute-force and rainbow-table attacks.
- Implemented automatic cover-file capacity analysis and dynamic image resizing, reducing encoding failures and improving success rate by over 95%.
- Developed cross-format support for PNG/BMP and WAV/MP3/FLAC with real-time conversion to lossless PCM for reliable bit-level embedding.

JobFlowAI - Intelligent Job Search Assistant | [Demo Link](#)

- Challenge: Simplify and personalize the job search process using AI.
- Action: Built a multi-agent job search assistant using CrewAI, Gemini 2.0 Flash, and Python, with Snowflake for data handling and AI tools for resume scoring, job matching, and company insights. .

TECHNICAL SKILLS

SOC & Security Operations: Log Monitoring, Alert Triage, Incident Response Lifecycle, Root Cause Analysis, Security Incident Reporting, SIEM (Splunk)

Cybersecurity & Networking: Wireshark, Nmap, TCP/IP, DNS, HTTP/HTTPS, Firewalls, VPN

Security Frameworks: ISO 27001 (Basic Awareness), NIST Cybersecurity Framework, OWASP Top 10

Operating Systems: Linux (Ubuntu/Kali), Windows Security Event Logs

Programming: Python, SQL (MySQL)

AI: LLM Fundamentals, Prompt Engineering

Professional Skills: Analytical Thinking, Attention to Detail, Communication, Process Adherence

EDUCATION

Dr. Babasaheb Ambedkar Technological University

Bachelor of Technology in Computer Engineering

Lonere, Raigad

2021 – 2024

SMT. GEETA D TATKARE POLYTECHNIC

Diploma in Computer Engineering

Kolad, Raigad

2018 – 2021

CERTIFICATIONS

- * **Cybersecurity Course:** Tata STRIVE
- * **Associate Cloud Engineer Track:** Google Cloud Career Readiness
- * **Associate Data Engineer in SQL:** DataCamp
- * **CS50's Introduction to Programming with Python:** Harvard University
- * **AI & Machine Learning Certifications:** LinkedIn Learning (AI & ML Basics, LLM Training, Generative AI Fundamentals)

Languages

- * Marathi (Native)
- * Hindi (Fluent)
- * English (Proficient)

Awards

- * **Web Development Competition:** 1st Place in the WebHunt competition, Computer Department (DBATU, Lonere)
- * **Government Typing Exam (GCC-TBC):** 1st Place in the Hindi 30 WPM Typing Exam, Raigad District (Government Certified)
- * **Hackathon Challenge (Codedex):** Participated in Codédex's Mini Holiday Hackathon '24 Hacker