Sanjana Lanka

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Personal Statement

Aspiring cybersecurity analyst with hands-on practice in SIEM, SOAR, and cloud security, currently pursuing advanced certifications including CompTIA Security+. Skilled in incident response, threat detection, automation, and vulnerability management. Passionate about leveraging technical expertise and analytical skills to protect digital assets and drive proactive security solutions.

Education

VIT Bhopal University   **2022-2026**

Computer Science and Engineering (Cybersecurity and Digital Forensics) **CGPA: 8.55/10**

12th Standard |Delhi Public School | CBSE 83.5%   **2022**

Skills

Security Operations: SIEM (Wazuh, Microsoft Sentinel), SOAR (Shuffle), TheHive, Incident Detection & Response, Threat Intelligence, Log & Endpoint Analysis (ELK, Splunk, Sysmon)

Cloud & Infrastructure Security: Microsoft Azure (VM & Log Analytics, Cloud Networking), Firewalls, NSGs

Systems & Automation: Linux & Windows Administration, Bash Scripting

Security Practices: Threat Modeling, Compliance Controls

Core Strengths: Problem-Solving, Communication, Collaboration, Adaptability

Courses and Certifications

CompTIA Security+ (in progress – expected September 2025)

IBM Cybersecurity Analyst   **April 2025**
Skills: Cybersecurity Fundamentals, Network Protocols, Incident Response, Compliance Frameworks

Linux Fundamentals 100 – TCM Security   **August 2025**
Skills: Linux Installation in Virtual Machines, File System Navigation, User Privilege Management, Bash Scripting,

Microsoft SC-200: Configure Microsoft Sentinel Learning Path   **August 2025**
Skills: Sentinel Workspace Setup, Log Querying, Watchlists, Threat Intelligence, Defender XDR Integration

Security Information and Event Management - TryHackMe   **August 2025**
Skills: Log Investigation (ELK), Incident Analysis (Splunk)

Endpoint Security Monitoring – TryHackMe   **August 2025**
Skills: Endpoint Protection, Windows Event Log Analysis, Sysinternals & Sysmon, Wazuh Deployment

Projects

SOC Automation and Incident Response Lab

- Built an on-premises SOC lab using **Wazuh, Shuffle, and TheHive** to automate the incident response workflow.

- Integrated **Wazuh** and **Shuffle** to automatically enrich alerts and create cases in **TheHive**.

- Orchestrated an automated response action via **Shuffle** to perform remediation on a monitored endpoint.

Azure Cloud Security Lab

- Secured a cloud environment on **Microsoft Azure** by implementing **NSGs** to block malicious traffic to a VM.
- Deployed and configured **Microsoft Sentinel** to ingest logs from the environment for threat detection and real-time monitoring.

Gophish Phishing Simulation Lab

- Set up a local phishing lab using **Gophish** and **smtp4dev** to simulate email campaigns.
- Practiced social engineering and analyzed campaign metrics to understand the phishing attack lifecycle.

Extracurricular Activities

Social Media Team, Freelancing Club, VIT Bhopal
Silver Medal and Gold Medal, Volleyball, AdVITya'23 and AdVITya'24, VIT Bhopal