

Sanjana Lanka

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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, Incident Detection & Response, Log & Endpoint Analysis

Cloud & Infrastructure Security: Microsoft Azure, Networking Fundamentals

Systems & Automation: Linux & Windows Administration, Bash Scripting, Python Programming

Security Practices: Compliance Controls and Frameworks

Core Strengths: Problem-Solving, 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