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)

Google Cybersecurity Professional Certificate
Skills: Asset classification, threat identification, vulnerability assessment, Python, Linux, SQL, SIEM, IDS, risk management, NIST CSF, network security, incident detection and response

IBM Cybersecurity Analyst - ibmcep
Skills: Cybersecurity Fundamentals, Network Protocols, Incident Response, Compliance Frameworks

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

Pre Security- TryHackMe
Skills: Intro to Cybersecurity, Network Fundamentals, Web Fundamentals, Linux and Windows Fundamentals

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