HARDIK LOMATE

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PROFESSIONAL SUMMARY

Cyber Security undergraduate focused on Security Operations Center (SOC) practices including log analysis, authentication monitoring, threat detection and SIEM fundamentals within SOC environments. Hands-on experience building virtual lab environments for vulnerability assessment and network traffic monitoring. Skilled in Windows Event Log analysis, Nmap scanning, and Python-based security automation.

TECHNICAL SKILLS

Log Analysis and Event Correlation
Windows Security Event Monitoring
Brute Force Detection
Threat Hunting Fundamentals
Incident Response Workflow
Vulnerability Assessment
Wireshark
Nmap
Kali Linux
Windows Security Logs
Python
Git
TCP/IP, DNS, HTTP
OSI Model

CERTIFICATIONS

Certified Artificial Intelligence Security and Risk (CAISR) 2025
TryHackMe Advent of Cyber 2023
TryHackMe Advent of Cyber 2024
IBM Cybersecurity Fundamentals
Cisco Introduction to Cybersecurity

EDUCATION

Bachelor of Engineering in Cyber Security
University of Mumbai
Expected Graduation: 2028

Diploma in Information Technology
Dr. Babasaheb Ambedkar Technological University
CGPA: 7.80 / 10

PROJECT EXPERIENCE

Log Analysis and Authentication Threat Detection | Technologies: Python, Windows Event Logs

- Analyzed Windows Event ID 4624 and 4625 to identify failed authentication attempts
- Implemented time-based log correlation to detect brute-force patterns
- Generated alert output and recommended mitigation strategies

Network Vulnerability Assessment | Technologies: Kali Linux, Nmap

- Performed TCP SYN and service version scans to identify open ports
- Analyzed exposed services such as SSH, SMB, and HTTP
- Documented vulnerabilities and suggested remediation steps

Network Traffic Analysis | Technologies: Wireshark

- Captured and analyzed DNS, HTTP, and TCP traffic
- Investigated abnormal authentication-related network behavior
- Identified potential indicators of suspicious activity