

# LAKSHAY SONI

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Portfolio - [www.lakshaysoni.com](http://www.lakshaysoni.com)

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## SUMMARY

Cyber Security Analyst with strong skills in network security, incident response, vulnerability assessment, and SOC monitoring. Experienced in using security tools like Wireshark, Burp Suite, and Nmap, alongside Python scripting for automation. Exposure to SIEM systems and SOC operations for real-time threat monitoring and incident handling. Passionate about securing systems, detecting threats, and continuously improving security postures.

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## WORK EXPERIENCE

### Cyber Security Analyst Intern, Task Robot

Feb 2024 - Aug 2024

- Developed a Python-based network monitoring system to detect unusual traffic patterns.
  - Conducted vulnerability assessments and penetration tests, identifying and reporting security risks.
  - Worked within a simulated SOC environment to monitor alerts, perform log analysis, and escalate incidents as needed.
  - Automated tasks like suspicious IP lookups and log parsing using Python scripting.
  - Used Wireshark and Burp Suite extensively for network traffic inspection and web application testing.
  - Supported the creation of incident response reports and participated in mock drills for incident handling.
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## PROJECTS

- **Network Monitoring Tool (Python)** - Built a Python script to log and analyze network traffic for anomalies using scapy and socket libraries
  - **Honeypot Simulation (Python)** - Created a simple honeypot to mimic vulnerable services and log malicious activity for research
  - **Keylogger (Python)** - Developed a keylogger for academic use to understand input capturing and secure coding practices
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## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++
  - **Web Technologies:** HTML, CSS, JavaScript
  - **Security Tools:** Wireshark, Burp Suite, Nmap, Git
  - **Concepts:** Object-Oriented Programming, REST APIs, File Handling
  - **SIEM Exposure:** Basic knowledge of Splunk, ELK Stack
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## EDUCATION

### Master of Computer Applications

2022 - 2024

JECRC University

- Specialization in Cyber security.

### Bachelor of Computer Applications

2019 - 2022

Maharishi Arvind Institute of Science and Management

### 12th (PCM)

2018 - 2019

Tagore Public School -

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## CERTIFICATIONS

- **CEH v12 (Certified Ethical Hacker)** - EC-Council
- **CND (Certified Network Defender)** - EC-Council