LAKSHAY DHOUNDIYAL

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EDUCATION

M.Sc. Informatics (IT) **Aug. 2024 - Present**
Institute of Informatics and Communication (IIC), Delhi University *Delhi*

B.Sc. (Hons.) Electronics , CGPA - 8.3 **Nov. 2021 - June 2024**
Atma Ram Sanatan Dharma College, Delhi University *Delhi*

Diploma in Cyber Security and Ethical Hacking **Jan. 2024 - Aug. 2024**
Global Defensive Security, Bhopal *Remote*

Advance Certification Course in Information Technology **Aug. 2024 - Present**
Indira Gandhi National Open University (IGNOU) *Delhi*

WORK EXPERIENCE

SOC Analyst
Cyber and Forensics Security Solutions (CFSS), Remote *Nov. 2024 - Jan. 2025*

- Assisting in the monitoring of network and system traffic for potential threats, anomalies, and security incidents.
- Implementing various security tools and SIEM platforms, to enhance real-time monitoring & alerting capabilities.
- **Tools Used:** Kali Linux, Python, Scapy, Burpsuite, Wireshark, Nmap, SQLmap, Aircrack-ng, Netcat and Hashcat.

Cyber Security Intern
Center for Cyber Security Studies and Research (CFCS2R), Remote *July. 2024 - Oct. 2024*

- Monitored security systems and network traffic to detect suspicious activities, while analyzing security alerts.
- Conducted vulnerability assessments and penetration tests on network and software systems.
- **Tools:** Kali Linux, Metasploit, Nmap, Wireshark, John the Ripper, Aircrack-ng, Burpsuite, Hashcat, SQLmap.

Cyber Security & Ethical Hacking Intern
Slash Mark, Remote *Jan 2024 - April 2024*

- Built a Intrusion Detection System (IDS) that monitors network traffic or system logs for signs of unauthorized access or malicious activities. Performed packet sniffing and monitoring.
- **Tools Used:** Kali Linux, Python, Scapy, Snort, Wireshark, Nmap, Tcpdump, Aircrack-ng, Netcat and Kismet.

SKILLS

Programming Languages: Python, C/C++, Bash, JavaScript, SQL and Powershell.
Libraries and Tools: Nmap, Metasploit, Armitage, Aircrack-ng, Wireshark, Burp Suite, Hashcat, John the ripper, Hydra, SQLmap, Kismet, Fern, PowerSploit, Ncrack, SET, Scapy, Pycap, PyCryptodome, Crypto and Netcifaces.
Technical Skills: Networks, Security Tools, VAPT, Cryptography, Compliance, XSS, CSRF and SQL Injection.

SUMMER TRAINING

Ethical Hacking & Penetration Testing
Techgyan Technologies & Abhyuday, IIT Bombay *March 2023 - July 2023*

- **Coursework:** Virtual Labs, Networking, DoS and DDoS Attacks, Web App Security & Exploits, Wi-Fi Hacking, Shodan, Malware Analysis, Metasploit & Armitage, System Hacking, Information Gathering & Scanning, Cryptography, Firewalls, Exploitation, File Transfer, Kali Linux, Penetration Testing (Pentesting), Privilege Escalation, Buffer Overflow, Password Attacks, Security Tools.

PROJECTS

- **Intrusion Detection System**: Developed in python to monitor network activity, system logs for security breaches
- **Network Protocol Analyzer:** Created network protocol analyzer in C using WinPcap, libpcap to monitor traffic
- **Exploit Development Framework:** Developed in C that helps in identifying, exploiting vulnerabilities in systems
- **XSS Payload Generator:** Developed using JavaScript for generating XSS payloads and testing web applications.

CERTIFICATIONS

- **Google Cybersecurity Professional Certificate**: Foundations of CyberSecurity - Coursera
- **Cybersecurity Awareness Professional Certification (CAPC) -** Certiprof
- **Cyber Security Foundation Professional Certificate** (CSFPC) - Certiprof
- **Certified Linux File Systems Professional** - Center for Cyber Secuirty Studies and Research (CFCS2R)
- **Certified Ethical Hacker -** Stupid Skills (ISO Certified)