# NANDINI KUMARI

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## SKILLS

**Languages**: Bash Script , Python | Familiar with C/C++,

**Tools/Platforms**: Nmap, Wireshark, Nessus, SIEM, Cryptography, Burp suite, Hashcat,Tryhackme

**Soft Skills**: Leadership, Teamwork, Problem solving, analytical,Strong communication

## TRAINING

**Techvanto Academy** — Nov' 24 – Dec' 24
**Cyber Security**

- Experienced in vulnerability assessment and penetration testing for web application, network security.
- Defined security goals by analyzing requirements for in- house and vendor - supplied applications.
- Identified potential security threats to business processes and validated that implemented that security controls function as intended.

## PROJECTS

**Key Logger | Python , Pynput** — May' 24

- Preprocessed a stealthy keylogger that records all keystrokes, capturing user inputs without detection.
- Features,which identify potential security threats, compliance breaches, or inefficient work practices promoting 80% responsible usage, consent, and privacy.
- It insighted into 100% user behavior within an organization.

**Compliance Monitoring Dashboard using SIEM | SIEM ,ELK Stack , Python** — Apr' 24

- Created a dashboard using 30% ELK Stack to monitor and enforce GDPR compliance by tracking 70% of sensitive data access and processing activities.
- Designed 85% visual dashboards to track GDPR compliance, security and improve risk management.
- Integrated 60% open-source SIEM tools for real-time data analysis and compliance monitoring.

**Network Packet Sniffer | Python , Scapy** — Jun' 23

- Developed a Monitor network activity to capture and analyze network packets for suspicious activity.
- Designed 60% Security & Awareness Improvement in network security by showing real-time traffic details.
- Provided 100 % accuracy in identifying unauthorized access, real-time network traffic,improving overall cybersecurity.

## CERTIFICATES

| Certificate | Date |
| --- | --- |
| Foundations of Cyber Security | Dec' 24 |
| Cyber Security | Nov' 24 |
| Python | Mar' 24 |
| Prompt Engineering for Chatgpt | Mar' 23 |

## EDUCATION

**Lovely Professional University** — Phagwara, Punjab
Bachelor of Technology — Sep' 22 – Present
Computer Science and Engineering; CGPA: 7.68

**Dy Patil School** — Patna, Bihar
Intermediate — Mar' 21 – May' 22
PCM
Percentage: 80%

**St. Joseph's School** — Jhajha , Bihar
Matriculation — Mar' 20 – May' 21
Percentage: 89.2%

## ACHIEVEMENTS

- Awarded certificate for successfully conducting an awareness campaign on menstrual hygiene .
- Completed certificate in cloud computing .
- Published research paper in Operating system.
- Participated in CTF hackathon.
- Served as a delegate in IGCMUN' 2024.