

SOUMA DEEP PAL

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SKILLS

❖ Python • C • Java (Basic) • Linux • Windows • Networking • Nmap • Burp Suite • Wireshark

EDUCATION

- ❖ Cyber Security | Supreme Institute of Management & Technology SGPA 7.95 | (2024-2028)
- ❖ XII (WBCHSE) | Itachuna Sree Narayan Institution (H.S) 68.4% | (2024)

EXPERIENCE

- ❖ **Security Admin Associate L1 Intern | Infotact Solutions** (Jun'5 - Present)
 - Assisting with security administration and monitoring activities.
 - Working with networking and cybersecurity tools.
 - Supporting vulnerability assessment and system security tasks.
- ❖ **Experiential Learning Program (ELP) - Cyber Security | MY Bharat** (Jun'12 – 19'Jul)
 - Successfully completed 120 hours of training in Cyber Hygiene and Cyber Awareness.
 - Learned cybersecurity best practices for safe internet usage and digital protection.
 - Gained knowledge of cyber threats, phishing attacks, malware, password security, and online privacy.
 - Developed awareness of cybercrime prevention, data protection, and responsible digital citizenship.
 - Enhanced understanding of secure online behaviour and information security fundamentals.

ACADEMIC PROJECTS

- ❖ **Basic Antivirus Simulation (Signature Scanner)**
 - Developed a Python-based antivirus simulation to detect malicious files using signature-based detection.
 - Implemented SHA-256 hash generation and comparison against a malware signature database.
 - Added automated file scanning and quarantine functionality for suspicious files.
- ❖ **Packet Sniffer & ARP Spoofing Detector**
 - Developed a real-time network monitoring tool capable of capturing and analyzing network packets.
 - Implemented ARP spoofing detection by monitoring IP-to-MAC address mappings.
 - Generated security alerts when suspicious ARP activity was detected.
 - Improved understanding of network protocols, traffic analysis, and intrusion detection techniques.

POSITION OF RESPONSIBILITY

- ❖ **Cyber Security Student | Supreme Institute of Management & Technology**
 - Participated in technical events, workshops, and cybersecurity awareness activities.

ACHIEVEMENTS / HOBBIES

- Cybersecurity and Ethical Hacking
- Capture The Flag (CTF) Challenges
- Networking and System Administration
- Continuous Learning and Technical Research