BALA

+91 8778050664 · balabalaperiyathambi@gmail.com · bala
1/223, north St., melnariyappanur, kallakurichi,Tamilnadu , 606201.

CYBERSECURITY ENGINEER

Seeking a dynamic role as a Cybersecurity specialist, where my skills in SOC operations, threat detection, and risk management can be utilized to safeguard organizational resources, enhance security frameworks, and proactively address emerging cyber threats.

KEY COMPETENCIES

LANGUAGES:
Python
Java

TECHNICAL SKILLS:
Linux
Networking
Endpoint security
CISSP
Penetration Testing
OSINT
Ethical Hacking
Metasploitable machine

INTERNSHIP

UMPS(Universiti Malaysia Pahang Al-Sultan Abdullah) **14th to 27th November on 2024**

ADDRESS RESOLUTION PROTOCAL(ARP) SPOOFING DETECTION

- Developed ARP Spoofing Detection System **–** Designed a Python-based tool to detect and prevent ARP spoofing**.**
- Integrated Passive and Active Detection Techniques **–** Combined anomaly detection and active verification for accuracy**.**
- Real-time Traffic Analysis and Alerting – Implemented packet sniffing with real-time spoofing detection alerts.
- Optimized Performance and Scalability – Used multithreading for efficient traffic monitoring in various networks.

CERTIFICATIONS

Ethical Hacking - NPTEL
CISSP - Cybrary
Ethical hacking & Penetration Testing - Udemy
Networking Basics - Cisco Netacad
SOC(Cybersecurity) - Udemy
Introduction to Cyber Security-Cisco Netacad
The Complete Python Programs - Udemy
Ethical hacker - Cisco Netacad
Ui-Path Robotics Process Automation(RPA) - ICT Academy

EDUCATION

Paavai Engineering College
BE. Cyber Security
GPA: 8.2
Nov 21 -Dec 25

SRM.Muthamizhl.hr.sec.school
HSC - 85% at 2021
SSLC - 77% at 2019

PROJECTS

Address resolution protocal (ARP) spoofing dectection

Tools Used: Python, Scapy, Wireshark
Description:

Developed a network security tool to detect ARP spoofing attacks using both passive and active detection techniques. The system monitors ARP packets on the network to identify anomalies such as duplicate IP-to-MAC mappings or inconsistent ARP replies.

Implemented using Python and Scapy to sniff and analyze packets in real-time, helping to protect devices from man-in-the-middle (MITM) attacks. The project enhances network security awareness by alerting users when suspicious ARP behavior is detected.

OTHER INFORMATIONS

Tools: Nessus, Wireshark, Nmap, Brup Suite, Metaspliotable Machine.
Softskills: Active listening, Continous learning and Development, Leadership.
Extra curricular activities: Video Editing, Gdsc member.
Languages: English, Tamil.