MONICA.M

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EDUCATION

Sri Eshwar College of Engineering	**B.E (CSE)**	**CGPA 8.00**	**2022 - 2026**
Indian School Al Seeb	**CBSE**	**72%**	**2020 - 2022**
Indian School Ibri	**CBSE**	**68%**	**2019 - 2020**

INTERNSHIPS

Cyber Security - NSIC   **2024**
Explored the key concepts of cybersecurity , delved into hacking tools, sophos antivirus software, and utilized Python to crack passwords.
Tech Stack: Metasploit, Python, Sophos   **2024**
Cyber Security - Shadow Fox
Decrypted the files for password to access encrypted files by veracrypt and created a payload using Metasploit and made a reverse shell connection from a Windows 10 machine in my virtual machine setup.
Tech Stack : Kali Linux , Metasploit,Nmap

Ethical Hacking - Techno Hacks   **2024**
 Tested a specific website using effective tools and created an analysis report including open ports, network traffic, and directory information.
Tech Stack : Kali Linux Nmap, Burp Suite, Wireshark, Maltego   **2024**
MERN Stack - Better Tomorrow
Designed a web application Netflix Clone using reactjs for frontend,cookies authentication and express, nodejs for backend.The data of user login.
Tech Stack : ReactJs,NodeJs,ExpressJs,Mangodb

PROJECTS

PROXY FOR WINDOWS   **2024**
Tor-based proxy software facilitates anonymous and secure internet browsing by routing network traffic through the
tor network, encrypting data and hiding the user's IP address, enhancing privacy, bypassing censorship, and mitigating
surveillance risks.
Tech Stack: Wireshark, Metasploitable, Ghidra, Tor, Python3
NETWORK TRAFFIC ANALYZER   **2024**
 A software tool or hardware device used to monitor, capture, and analyze the traffic flowing through a computer network.
 It allows network administrators and security professionals to inspect the data packets transmitted over the network in
 real-time or from stored packet captures
Tech stack: Wireshark, Python
RANSOMWARE DETECTION SOFTWARE   **2024**
Ransomware detection software utilizes advanced algorithms and behavior analysis to identify suspicious activities, such
as encryption of files, unusual network traffic patterns, and unauthorized access attempts, enabling timely response and
mitigation to ransomware threats, safeguarding data integrity and system security.
Tech stack: python3, Wireshark, Metsploitable
ON YOUR TRACK APPLICATION   **2023**
Developed a menstrual cycle tracker for women using mern stack. The purpose of this tool is to track their menstural cycle
 every month and give remainders near the date including some health tips and guidelines during period cramps.
 Tech stack: MERN

CERTIFICATIONS

Computer Networks and Internet Protocol - **NPTEL**	**2024**
Foundations of Cyber Security - **Google**	**2024**
Mastering Data Structure in C and C++ **Udemy**	**2023**
Java Programming Beginner to Master **Udemy**	**2023**

ACHIEVEMENTS

LeetCode Max Rating - 1,043 | **Profile Link**
CodeChef Max Rating - 988 **| Profile Link**
PicoCTF Max Points -310 |Profile Link
Paper Presentation: Ethical hacking

SKILLS

Languages Java , Python,C, HTML, CSS,Javascript
OS Windows, Linux, Ubuntu
Tools/Platform GitHub, Git, Proxy Chains,Wire Shark,Burp Suite, Nmap, Maltego, Docker.
Database Mysql, MongoDB