

Nihal Awasthi

Cyber Security Sophomore



WORK EXPERIENCE

Verzeo, Indore, Madhya Pradesh

Cyber Security Trainee + Intern

11/2022 – 01/2023

- Test the System Security by using metasploit Tool from kali linux
Write a report on vulnerability issue along with screenshots how you performed and suggest th security patch to avoid these type of attacks
- Use SET Tool and create a fake Gmail page and try to capture the credentials in command line
- Crack the password of windows machine using Kali-Linux tools and try get the password, along with that mention the path of SAM file in windows and and explain about SAM file usage and how it can be cracked by tool

Cyber Secured India (CSI)

Cyber Security Trainee + Intern

12/2023 – Present

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PROJECTS

Cryptographic - Library of Comman Ciphers

10/2023

- This Project aims to provide a collection of Python implementations for various cryptographic ciphers, catering to beginners and enthusiasts alike. It serves as a practical resource for exploring and understanding the fundamentals of cryptography. It serves as a valuable learning resource for those interested in cryptography. By examining the Python code for each cipher, individuals can gain insights into the underlying mechanisms and appreciate the intricacies of cryptographic algorithms.

Phablet - Secure Cryptographic Cipher

10/2023 (under development)

- Phablet is a successful integration of six prominent cryptographic algorithms. The Phablet is engineered to offer a seamless user experience while ensuring the confidentiality and integrity of sensitive data. By combining the unique strengths of each algorithm

Wednesday - Your Personal Cyber Assistant

11/2023 (under development)

- Wednesday – your AI companion redefining interaction! Wednesday, the innovative chatbot AI tool, simplifies tasks, assists, and engages seamlessly. Enhance productivity, streamline communication, and unlock a new era of intuitive assistance with Wednesday. Say hello to efficiency, intelligence, and convenience rolled into one powerful tool!

CONTACT

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SKILLS

Technical Skill:

- Encryption (Advanced)
- Computer Networking
- Penetration Testing
- Programming
- Front-End Development

Industry Knowledge:

- Change Control & Configuration
- Infrastructure & Virtualization
- Threat & Vulnerability Management

Tools and Software:

- WireShark / NMAP / TCPdump
- Wednesday
- Metasploit
- Kali-Linux SE Tools
- Katoolin3

EDUCATION

VIT Bhopal University

Integrated M.tech in
Computer Science

Specialization in Cyber Security
Bhopal, MP – 11/2022

OTHER

- Certified Cyber (CC - ISC2).