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ABOUT ME

I was always fascinated by the process of tracing cybercrimes back to their sources, which sparked my interest in the field of Information Security, particularly Forensics and OSINT. Through self-study and personal projects, I've gained a foundation in Penetration Testing and Network Security. I am eager to apply my skills in real-world scenarios where I can contribute to testing and securing systems.





EXPERIENCE

- **Open Source Contributor @ GSSoC'24** 2024
Conducted by GirlScript Foundation 
 - Achieved a rank of 74 among 3,500+ participants
 - Primarily focused on solving frontend issues and fixing bugs across various repositories
 - Gained hands-on experience with Git and GitHub workflows

EDUCATION

- **National Institute of Technology** 2022 - Present
B.Tech (Civil Engineering) Hamirpur
 - * CGPA: 6.14
- **DALIMSS Sunbeam School** 2021
Pre-University Education Varanasi
 - * Grade: 93.4%

PROJECTS

- **Next.js Demo Portfolio Website** Sept, 2024
Tools: NextJS, Framer Motion, Typescript, Tailwind CSS, Vercel 
 - * Demo Portfolio site : used modern NextJS technologies to build a website which is responsive across devices
 - * Theme Toggle: It has both light and dark theme to switch between as per preference
 - * Active Section : The items in navbar changes on its own as we keep on changing active section
- **Backdoor** May, 2023
Tools: Python, Networking, Linux, Metasploit 
 - * Remote Access : Payload that establishes a persistent connection between the attacker and the target system
 - * Command Execution: Allows the attacker to execute system commands remotely providing full control
- **Travel Blog website** July, 2024
Tools: HTML, CSS, Bootstrap, Git 
 - * Travellog : Developed a responsive and visually appealing website using HTML, CSS, and Bootstrap
 - * Project Showcase: Used "Travellog" as a platform to demonstrate front-end development skills,
- **Port Scanner** April, 2023
Tools: Python, Networking 
 - * Port Scanning : Capable of scanning specified IP address to detect open ports
 - * Socket Programming: Utilized Socket library to manage network connections, ensuring accurate detection
 - * Color-Coded Output: Integrated termcolor module for color-coded messages to differentiate scanning statuses

SKILLS

- **Programming Languages:** Python, JavaScript, C++
- **Web Technologies:** HTML, Tailwind CSS, Bootstrap, NodeJS, ReactJS, NextJS, Framer Motion
- **Other Tools & Technologies:** Linux OS (Debian), VMWare, QEMU-KVM, Git, NMap, Metasploit, Networking

ACHIEVEMENTS

- **Coursera :** Google Cybersecurity Professional Certificate
- **GSSoC'24 :** Ranked 74 among 3500+ participants
- **Udemy :** Complete Ethical Hacking Bootcamp
- **TryHackMe :** Completed 20+ rooms and earned 4 badges