



SOMIL MODI

Cyber Security Expert

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About Me

I am a dedicated cybersecurity expert with a passion for safeguarding digital assets. With extensive experience in participating in Capture The Flag (CTF) competitions and pursuing advanced cybersecurity courses, I continually enhance my skills and stay updated on the latest security trends and technologies. My hands-on experience in threat detection, vulnerability assessment, and incident response, combined with a strong commitment to ethical hacking, positions me as a proactive problem solver in the ever-evolving cybersecurity landscape.

Education

Bachelors in computer science
Engineering | Sharda University
Session: 2022-2026 | Score: 8.5 CGPA

Intermediate | CBPS, Agra
Session: 2020-2021 | Percentage: 91%

Matriculation | MPS, Agra
Session: 2018-2019 | Percentage: 89%

Certificates

- IBM
- Internshala
- ORACLE
- Udemy
- EDX
- CCSP
- CEH

Projects

Voice Assistant

Technology :- Python, HTML, CSS, JS

2024

A Python-based desktop voice assistant using HTML, CSS, and JavaScript for the interface. The application allows users to perform tasks such as browsing, file management, and system operations through voice commands. Integrated natural language processing (NLP) for smooth command recognition.

SSH Attack Tool

Technology :- Python

2023

A penetration testing tool to simulate SSH brute-force attacks for vulnerability assessment and security auditing. The tool automates password-cracking attempts while adhering to ethical hacking guidelines, providing insights into system weaknesses and helping to improve SSH security.

Women Safety Mobile Application

Technology :- XML, Java

2022

A real-time Android application designed to enhance women's safety by providing instant location tracking, emergency alerts, and secure communication features. The app allows users to send SOS signals and live location to predefined contacts, ensuring rapid response during emergencies.

Skills

- Penetration Testing
- Web Application Security
- Burp Suite
- Network Security
- Malware Analysis
- Cloud Security
- Reverse Engineering
- Password Cracking
- Nmap
- Python
- Kotlin
- Linux, Bash Scripting
- Docker
- Java
- UI/UX Design for Android
- Mobile App Security
- Gradle Build System
- Payment Gateways

Achievements & Awards

- NASA Space Apps Challenge 2024
- Smart India Hackathon(SIH) 2023 & 2024
- Coding Ninja 2023
- Unstop 2024
- CBPS Chess Championship 2021
- CODM Leader Board 2023 (e-sports)