ARUSHI SAXENA

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PROFILE

I am a second-year B.Tech CSE (Cybersecurity) student at SRM University with a strong interest in ethical hacking, digital security, and AI applications in cybersecurity. I have completed multiple certifications and am eager to apply my skills to real-world challenges and contribute to impactful tech solutions.

EDUCATION

SRM Institute of Science and Technology
Pursuing Btech CSE (2024-2028)
1st year CGPA: 9.88

QUEENS' COLLEGE, Indore
12th Grade - 2023, 91%,
10th Grade - 2021, 95.6%

SKILLS

- Programming: Python, C, C++, Java
- Cybersecurity: Ethical Hacking, Network Security, OSINT, CTFs
- Tools: PyCharm, VS Code, SQL, Linux, Wireshark, Burp Suite, Nmap
- Other: Git, MITRE ATT&CK, TCP/IP, Problem Solving

CERTIFICATIONS

- HackerRank Skill Certificate - Python PythonDeloitte Australia - Cybersecurity Job Simulation
- Agnirva Space Internship Program - AICTE Recognized
- NPTEL - Object Oriented Programming Language
- Geo-data Sharing and Cyber Security - IIRS-ISRO

PROJECTS

Advanced Port Scanner

- Developed a multithreaded port scanner in Python for scanning custom IP/port ranges
- Tools: PyCharm, Socket module, Threading
- Implemented basic banner grabbing and efficient network scanning logic

Hash Cracker Tool

- Built a CLI tool to brute-force hashed strings using wordlists
- Tools: Python, Hashlib, Wordlist files
- Supported MD5, SHA-1, and SHA-256 for testing password strength

Hangman Game

- Developed a guessing game using Python and SQL
- Tools: PyCharm, Random module, SQL Database
- Gained hands-on experience with backend logic and user data storage.

INTERNSHIPS

InLighn Tech (InLighnX Global Pvt Ltd)

- Gained hands-on experience in networking concepts, TCP/IP, and OSI model through guided tasks.
- Learned about several cybersecurity tools
- Applied concepts in mini-projects during training
- Gained practical exposure through tasks