

SOUVIK RAY

Cybersecurity Engineer

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Summary

I'm a passionate Cyber Security Engineer with expertise in ethical hacking, penetration testing, and vulnerability assessment. With a deep understanding of both offensive and defensive security practices, I help organizations strengthen their digital defences. I am most proficient in red teaming activities specializing in web application security, network penetration testing, and also security architecture review.

Work Experience

ShadowFox	Remote
Intern	03/2025
1-month virtual internship	
<ul style="list-style-type: none">• Tasks Include Open Port scanning, Directory Enumeration and Credential Brute-Forcing• Encryption and Decryption of passwords and similar Steganography challenges• Utilizing Metasploit to create and upload a Reverse Shell Payload, on a Windows VM to get a reverse shell• Performing SQL Injection, gaining an understanding of how such attacks happen and how to secure the website for Prevention of such attacks.• Solved the "Basic Pentesting" room on TryHackMe platform	

Education

Sikkim Manipal Institute of Technology	Sikkim, India
Bachelor of Technology in Computer Science and Engineering with a minor in cybersecurity	07/2023 - 05/2027
CGPA - 8.0 [as of 2nd year]	

Certification

Comptia Security+ - Ongoing
Comptia Pentest+ - Ongoing

Skills

Linux | Python | C/C++ | Bash | Powershell | Javascript | SIEM [Splunk ES] | Computer Networks | Web Exploitation | Rootkit & Malware Analysis | Digital Forensics | Reverse Engineering

Achievements

HackTheBox Achievement

Rank - Hacker

Profile - <https://app.hackthebox.com/profile/1981942>

- Achieved the rank 'Hacker' with a global standing of 900 out of 2 million + registered user
- Compromised over 15 systems in a controlled environment provided by HTB

TryHackMe Achievement

Rank - Adept | Level - 7 [Currently Progressing towards higher rank]

Profile - <https://tryhackme.com/p/mischievousray>

- Completed multiple learning paths and solved numerous rooms along the way
- Actively participate in the competitive ladder.