

SONAJIT RABHA

Offensive Security Researcher & Penetration Tester

PROFESSIONAL SUMMARY

Offensive security researcher skilled in vulnerability assessment and penetration testing. Strong hands-on with tools like Nmap, Burp Suite, and Wireshark for web application testing, reconnaissance, and network security, along with vulnerability research. Ranked in the top 8% globally on TryHackMe.

EXPERIENCE

Cybersecurity Intern <i>ENCODERSPRO Pvt. Ltd</i>	07/06/2025 – 12/07/2025 Remote
<ul style="list-style-type: none">Performed vulnerability scanning and security testing using Nmap and Burp Suite to identify web application flaws and security misconfigurations.Analyzed security logs and network traffic using SIEM tools and Wireshark to detect suspicious activity and support incident investigation.Prepared structured technical reports documenting findings, analysis methodology, and remediation observations as part of internship deliverables.	

EDUCATION

Bachelor of Science in Computer Science (3rd Semester) <i>Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya</i> Sem II: 6.19 CGPA	2024 – 2027
---	-------------

SKILLS

Core Security Knowledge: OWASP Top 10, Network Security, VAPT, Phishing Threat Analysis, TCP/IP, HTTP/HTTPS

Operating Systems: Linux (Kali, Parrot, Arch), Windows, Ubuntu server

Security Tools: Nmap, Burp Suite, Metasploit, Wireshark, Hydra, Shodan

Penetration Testing: Web, Network Pentesting, Enumeration, Basic Source Code Review

Programming & Scripting: C, C++, Python

PROJECTS

Meta-Wiper [Python] ↗ • Built a custom data-wiping tool implementing multi-pass overwrite algorithms to study secure data deletion and forensic anti-recovery techniques. Github ↗	06/2025 – Present
Personal Portfolio [Next.js] ↗ • Developed a responsive portfolio website showcasing projects and skills, integrated with GitHub APIs. Github ↗	01/2025 – Present

ACHIEVEMENTS

TryHackMe Global Ranking Top 8%

- Ranked in the Top 8% on TryHackMe globally, demonstrating strong practical cybersecurity and penetration testing skills.

TryHackMe Advent of Cyber 2025 Completion ↗

- Successfully completed all 24 days of **TryHackMe Advent of Cyber 2025**, covering real-world topics including malware analysis, SOC alert triage, web attack forensics, and incident response.

Cybercrime, Cyber Laws, and Technology (10-Day Training Program) ↗

- Completed a structured training program at **Rashtriya Raksha University**, covering cybercrime investigation processes, cyber laws, digital evidence handling, and technology-driven security challenges.

Cybersecurity0x02 Workshop ↗

- Participated in a hands-on cybersecurity workshop at **ENCODERSPRO Pvt. Ltd.**, gaining exposure to network security, SOC operations, DFIR concepts, OSINT, and vulnerability assessment techniques.