

Aroo Kulshrestha

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- (+91) 9549369163, Jaura (Madhya Pradesh)
- DOB : 09/04/1999



Cybersecurity enthusiast dedicated to protecting digital ecosystems and mastering advanced security techniques. Analyze threats, defend networks, and perform ethical hacking with hands-on experience from TryHackMe, HackTheBox, LetsDefend, Cisco Networking Academy, and ISC2. Conduct vulnerability assessments, identify exploits, and implement security measures to protect critical systems. Collaborate in CTF challenges, refine penetration testing skills, and stay current on cybersecurity trends through hands-on labs and real-world scenarios.

SKILLS

- **Critical Thinking & Problem Solving:** Applied analytical reasoning to resolve complex cybersecurity challenges effectively.
- **Footprinting & Reconnaissance:** Leveraged tools such as Google Search Operators, Netcraft, theHarvester, Shodan, Censys, and Sherlock to gather critical information about targets.
- **Network Scanning & Enumeration:** Executed vulnerability identification and assessment on networks using Nmap, Unicornscan, and Metasploit.
- **Vulnerability Assessment & Research:** Conducted comprehensive scans with Nessus, OpenVAS, and Nikto; researched vulnerabilities through CWE, NVD, CVE, and Exploit Database.
- **Packet Capture & Analysis:** Diagnosed and mitigated security risks by analyzing network traffic with Wireshark.
- **Web Application & Server Testing:** Performed penetration testing with Burp Suite, Netcat, Telnet, Uniscan, WhatWeb, Ibd, SQLMap, and dig to identify and remediate vulnerabilities.

CERTIFICATIONS

- **EC-Council Certified Ethical Hacker (CEHv12 Master)** – Earned December 2024
- Achieve industry certifications such as **CCST** and **ISC2 CC** by Mid of 2025 to validate expertise and enhance organizational defenses.
- **TryHackMe (Advent of Cyber 2024)** – Earned December 2024

EDUCATION

- **Dr. Bhimrao Ambedkar University** – Bachelor of Science (B.Sc.) | 4.9 GPA | Graduated September 2023
- **Jawahar Navodaya Vidyalaya** – High Secondary (PCM with Computer Science) | 7.26 GPA | April 2016

HANDS-ON EXPERIENCE & ACCOMPLISHMENTS

- **EC-Council Labs:**
 - Mastered EC-Council labs, including Footprinting, Scanning Networks, Vulnerability Analysis, Malware Analysis, and System Hacking and many more.
 - Conducted penetration tests using tools like Burp Suite, Nmap, and Wireshark while applying OWASP Top 10 principles.
 - Conducted advanced assessments on Firewalls, Network Analysis, OSINT, OWASP Top 10, Windows Penetration Testing, and Wireshark-based traffic analysis via EC-Council's Codered platform, utilizing video resources for hands-on learning and skill development.
 - Earned Codered certifications, demonstrating expertise and commitment to cybersecurity excellence.
- **TryHackMe :**
 - Completed Advent of Cyber 2024 on TryHackMe, gaining hands-on experience in SOC, GRC, VAPT, Threat Intelligence, Cloud Security (AWS, Azure), Exploit Development, Reverse Engineering, and Phishing & Malware Analysis.
 - Explored advanced techniques and strengthened approaches to improving security posture.
 - Applied practical knowledge to real-world scenarios, enhancing cybersecurity expertise.