

RISHIKESH BORAH

Cybersecurity Enthusiast | Ethical Hacker | Penetration Testing Aspirant

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Summary

Motivated Cybersecurity Enthusiast and BCA student with hands-on experience in Ethical Hacking, Penetration Testing, Network Security, and Security Research. Skilled in Kali Linux, Python, Java, MySQL, Web Technologies, and Linux Administration. Completed 200+ practical cybersecurity labs on TryHackMe and actively pursuing CEH certification with long-term goals of achieving OSCP and OSEP. Developed multiple cybersecurity-focused projects including RouteBlaster (web reconnaissance tool), IP Jumper (network utility), Password Strength Checker (CLI and GUI versions), and a Python-based Port Scanner GUI. Passionate about offensive security, vulnerability assessment, and secure software development, with a strong focus on practical learning through real-world labs, projects, and security research.

Aspiring to build a career as a Penetration Tester, Red Team Operator, and Cybersecurity Researcher while contributing to the advancement of cybersecurity and digital defense.

Education

BCA

INDRA GANDHI NATIONAL OPEN UNIVERSITY, DERGAON

Skills

- Reconnaissance
- Enumeration
- Exploitation Fundamentals
- Privilege Escalation
- Active Directory Fundamentals
- Password Security Assessment
- OWASP Top 10
- SQL Injection Testing
- Cross-Site Scripting (XSS) Testing
- Authentication & Authorization Testing

Certifications and Licenses

Completed / Earned

TryHackMe Pre Security Path Certificate

Cyber Security 101 Certificate

Python Certificate

Advanced Python Certificate

Java Certificate

Various Ethical Hacking / Cybersecurity Training Certificates

In Progress

CEH (Certified Ethical Hacker) – EC-Council

Ongoing training

Planned exam target: December 2026

Achievements

- Ranked among the Top Performers in TryHackMe India Leaderboard.
- Achieved Top 1% Global Ranking on TryHackMe through consistent completion of cybersecurity labs and learning paths.
- Completed 200+ Hands-on Cybersecurity Labs on TryHackMe covering Web Security, Networking, Linux, Active Directory, and Offensive Security concepts.

Websites and Social Links

My Portfolio: rishidev.online

LinkedIn: www.linkedin.com/in/rishikeshborah

Github: <https://github.com/RootWithRishi>

TryHackMe: <https://tryhackme.com/p/Rishii007r>

Tools

- Kali Linux
- Burp Suite
- Nmap
- Wireshark
- Metasploit
- SQLMap
- Hashcat
- Hydra
- GitHub

PROJECTS

RouteBlaster | Python • Developed a web reconnaissance tool for discovering directories, endpoints, and hidden resources. • Implemented wordlist-based scanning and HTTP response analysis. • Designed to assist in web application enumeration and security assessments. [<https://github.com/RootWithRishi/RouteBlaster>]

Password Strength Checker (CLI) | Python • Developed a command-line tool to evaluate password strength using security best practices. • Analyzed password complexity based on length, character diversity, and entropy. • Provided security recommendations for stronger password creation. [https://github.com/RootWithRishi/pass_strength_checker]

Password Strength Checker GUI | Python, Tkinter • Designed a graphical user interface version of the password strength assessment tool. • Enhanced user experience through real-time password analysis and visual feedback. • Promoted secure password practices for end users. [https://github.com/RootWithRishi/pass_strength_checker_GUI]

Python Port Scanner GUI | Python, Socket Programming • Developed a graphical network security tool for TCP port scanning. • Implemented host and port enumeration using Python socket programming. • Enabled detection of open ports for network reconnaissance and security testing. [https://github.com/RootWithRishi/python-port-scanner_gui-by-Rishi]

Technical Skill

Programming: Python, Java, C, C++

Database: MySQL, MariaDB

Web: HTML, CSS, JavaScript, Node.js

Operating Systems: Kali Linux, Windows