

Rohith R

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Summary

MCA student with a solid foundation in **network security, vulnerability analysis**, and operating systems including **Windows** and **Linux**. Actively building hands-on experience by practicing in a **self-hosted virtual lab** environment using **VirtualBox, Kali Linux**, and **Metasploitable2**. Passionate about **cybersecurity** and eager to grow through **real-world challenges** and **continuous learning**.

Projects

- **Virtual Cybersecurity Lab:** Set up a penetration testing lab using VirtualBox with Kali Linux and Metasploitable2 to simulate real-world attack scenarios and practice scanning, enumeration, and exploitation techniques.
- **Wireshark Network Analysis:** Captured and analyzed packet-level network traffic using Wireshark to study TCP/IP, DNS, and HTTP protocols; applied filters to detect anomalies and understand network behavior.
- **TryHackMe Training Pathways:** Completed Pre-Security and Networking Fundamentals pathways on TryHackMe, gaining hands-on experience in topics like Linux, networking, reconnaissance, and basic exploitation.
- **Nmap Scanning Project:** Used Nmap to perform active scanning and enumeration of vulnerable machines in the lab environment; documented results and learned to interpret service and OS detection outputs.

Skills & Tools

- **Wireshark, Nmap, and Kali Linux.**
- **Proficient in Python.**
- **Experience with Linux(CLI), VirtualBox.**
- **RHCSA Certification :** Completed instructor-led Red Hat training and mock exams.

Certifications

- **TryHackMe** – Completed rooms on Networking Fundamentals, Linux, and Wireshark; earning multiple skill badges.
- **RHCSA Training** – Completed Red Hat Certified System Administrator training and passed mock exams (final exam pending).
- **2nd Place – Web Design** – Awarded at Rajagiri College tech fest for front-end design and creativity

Education

Master in Computer Applications Marian College Autonomous, Kuttikkanam	2024-2026
Bachelor of Computer Applications Saintgits College of Applied Sciences, Kottayam	2021-2024
Higher Secondary Education Devi Vilasom Vocational Higher Secondary School, Kottayam	2019-2021
Secondary Education Girideepam Bethany Central School, Kottayam	2019

Relevant coursework

- **Networking Fundamentals & Protocols** (TCP/IP, DNS, HTTP)
- **Linux System Administration** (RHCSA Training)
- **Ethical Hacking Labs** (TryHackMe)