Rohith R

linkedin.com/rohith-rajesh0/ | rohithrajesh003@gmail.com | my-portfolio-tawny-pi-31.vercel.app/

Kottayam, Kerala | +91 8129843775 | DoB: 01-09-2003

Summary

MCA student with a strong foundation in Linux system administration, networking, and cybersecurity. **Red Hat Certified System Administrator (RHCSA)** with hands-on experience in Linux (user management, SELinux, firewalld), scripting, and system monitoring. Built and managed a **self-hosted virtual lab** environment using VirtualBox, Kali Linux, and Metasploitable2 for network analysis, automation, and security practice. Passionate about open-source technologies and eager to contribute to real-world IT and cybersecurity projects.

Projects

Linux Administration & Automation

- Managed users, groups, and permissions in Linux systems.
- Configured SELinux and firewalld to secure network services.
- Automated administrative tasks with shell scripting.
- Created Ansible playbooks for software deployment and system configuration.

Virtual Lab Environment

- Built and maintained a penetration testing and systems lab using VirtualBox, Kali Linux, and Metasploitable2.
- Practiced Linux administration, vulnerability scanning, and troubleshooting in a controlled setup.

Wireshark Network Analysis

- Captured and analyzed packet-level traffic to study TCP/IP, DNS, and HTTP protocols.
- Applied filters to detect anomalies and troubleshoot connectivity issues.

Nmap System Scanning & Enumeration

- Performed active scanning of vulnerable systems in the lab.
- Documented results and interpreted service/OS detection outputs for reporting.

Skills & Tools

- **Linux System Administration**: **RHCSA Certified** – user management, services, SELinux, firewalld
- **Networking & Troubleshooting**: TCP/IP, DNS, DHCP, packet analysis (Wireshark, Nmap)
- **Automation & Scripting**: Ansible, shell scripting, Python
- **Virtualization**: VirtualBox (lab environments)
- **Cybersecurity Tools**: Kali Linux, reconnaissance utilities
- **Version Control (Basic)**: Git/GitHub for project management

Education

Master in Computer Applications   **2024-2026**

Marian College Autonomous, Kuttikkanam

Bachelor of Computer Applications   **2021-2024**

Saintgits College of Applied Sciences,Kottayam

Higher Secondary Education   **2019-2021**

Devi Vilasom Vocational HigherSecondarySchool,Kottayam

Secondary Education   **2019**

Girideepam BethanyCentralSchool,Kottayam

Relevant coursework

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