

# Rushikesh Sangale

## Certified Ethical Hacker



Skilled in cybersecurity with hands-on experience in setting up a virtual lab for network intrusion detection using Snort, Kali Linux, and Metasploitable2. Experienced in detecting and analyzing attacks like ICMP scans, brute-force attempts, and HTTP requests. Strong understanding of network protocols, system monitoring, and basic troubleshooting. Eager to grow in the field of ethical hacking and contribute to securing IT environments.

## Work Experience

### Security Admin Associate L1, Infotact Solution.

May 2025 - Present

Project: NIDS Implementation using Snort (Kali Linux & Metasploitable2 Lab)

- Designed and configured a Snort-based Network Intrusion Detection System (NIDS) in a virtual lab environment using Kali Linux and Metasploitable2.
- Created and fine-tuned custom Snort rules to detect various attacks such as ICMP scans, SSH brute-force attempts, Nmap scanning, and HTTP GET requests.
- Analyzed network traffic using tcpdump and validated alert generation through controlled simulated attacks.
- Ensured correct Snort configuration by optimizing snort.conf, enabling preprocessors (e.g., http\_inspect), and resolving rule detection issues.

### Network Operation Center Engineer, Tata Communications Ltd.

Jan 2024 - Mar 2025

A leading telecommunications company focused on providing infrastructure services.

- Monitored and analyzed network traffic using OLP, DWDM, OTN, and ASON technologies to ensure optimal performance.
- Acted as a liaison between support teams and field engineers, resolving the majority of technical issues efficiently.
- Implemented proactive monitoring systems for early issue detection and improved incident response.
- Investigated service outages, identified root causes, and maintained detailed documentation for future reference.

### Desktop Support Engineer, Spink India Pvt Ltd.

Aug 2023 - Dec 2023

- Set up computers and installed software.
- Helped users with basic issues, like slow systems and login problems.
- Fixed simple hardware problems, like mouse, keyboard, or printer issues.
- Recorded support tasks and learned from senior team members.

## Educational Background

### Bachelor of Engineering in Mechanical Engineering

Sant Gadge Baba Amravati University

July 2017 - Aug 2021

### Diploma in Mechanical Engineering

Maharashtra State Board of Technical Education

Jul 2012 - Jun 2017

## Contact

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## Skills

### Certification

- **Global Certified Ethical Hacker**  
Cert No.ECCO348651972

### Courses

- CEH
- CCNA

### Technical Skills

- Network Security
- Intrusion Detection Systems (IDS)
- Snort
- Packet & Traffic Analysis
- Custom Rule Creation
- Log Analysis
- TCP/IP Protocols
- OSI Model
- LAN/WAN Technologies
- Security Monitoring
- Nmap Detection
- HTTP Protocol Analysis
- Linux Command Line

### Tools/Software

- Metasploitable
- Kali Linux
- Sudo Su
- Nessus
- OWASP ZAP
- Windows
- NMS/EMS/ UA-FMS
- BMC Helix

### Languages

- English
- Hindi
- Marathi

## Additional Information

- A results-oriented team player with strong coordination and problem-solving skills, known for being proactive and a quick learner of new concepts and technologies.