RAHUL MISHRA

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EDUCATION

Lakshmi Narain College of Technology & Science   Bhopal, IN
Bachelor of Technology in Computer Science Engineering Specialization in Cybersecurity   Nov 2021 – July 2025
Relevant Coursework: Linux, Software Engineering; Operating Systems; Database Management; Cyber Security

National Junior College of Science, Arts & Commerce   Mumbai, IN
Higher Secondary School Certificate (HSC) -Class 12th
Percentage- 82.67%   June 2020 - Feb 2021

WORK EXPERIENCE

Cisco Virtual Internship
- Acquired hands-on experience with Linux OS, including CLI usage and scripting.
- Learned cryptographic principles including encryption methods and SSL/TLS protocols.
- Developed skills in configuring and troubleshooting TCP/IP networks and understanding the OSI model.
- Implemented secure network architectures with firewalls, VPNs, and IDS/IPS systems.
- Proficient in network protocols such as HTTP, DNS, and SMTP.
- Explored OSINT tools for threat intelligence and assessment.

Sanmati Forensics Virtual Internship
- **Windows Registry Analysis:** Analyzed Windows Registry for forensic investigations, identifying key artifacts related to user activity and system configurations.
- **Forensic Tools:** Utilized tools such as Recuva, RegRipper, and FTK Imager for data recovery, registry analysis, and forensic imaging.
- **Device Identification Techniques:** Investigated external and USB devices for forensic evidence, including device identification and usage tracking.
- **Solved digital forensic cases, notably case B4DM755, through evidence analysis and comprehensive reporting**

PROJECTS

Maskify
- Developed a Web Application allowing users to share opinions, thoughts, confessions and questions anonymously.
- Implemented a real-time chat feature using Socket.io, enabling anonymous user-to-user communication.
- Incorporated robust authentication and authorization systems, through token generation, to ensure user data security and privacy compliance.
- Tech Stack: React, Node.js, Express.js, Axios, MongoDB, Socket.io, Oauth2.0

Data Shield
- Developed a versatile file encryption tool in python capable of performing AES and XOR encryption/decryption operation
- Prioritizes data security through strong encryption techniques, ensuring confidentiality and integrity of encrypted files.
- Tech Stack: Python, PyAesCrypt Module, File Handling, Exception Handling

ACTIVITIES

Web-Application Pentesting
Penetration Tester (Bug Bounty Hunter)
- Secured and Rewarded by Companies like ResearchGate, Configcat, Safe-Connect

TECHNICAL KNOWLEDGE

Technical Skills: Python, Html, CSS, Java-script, PHP, SQL

Libraries/Framework: Bootstrap, Django, Node.js, Flask

VAPT/DEV Tools: Burp-Suite, Postman, Metasploit, Nmap, Sqlmap, Git, Docker.

CERTIFICATION & TRAINING

Cisco: Programming Essential in Python, CCNA, CyberOps Associate
Sec-Ops: Certified AppSec Practitioner
TCM Academy: Practical Ethical Hacking
Infosys: Introduction to Cyber Security