ARPIT RAI

Network Engineer

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PROFILE

Final-year cybersecurity and digital forensics student at Sage University with a strong foundation in network security and data protection. I completed internships at leading cybersecurity firms and obtained **CCNA** and NSE 3 certifications. I am eager to join as a network security engineer and use my skills and knowledge to protect critical information and systems.

EDUCATION

Sage University, Indore
B.Tech.(Cyber Security and Forensics)
2020 – 2024

Sacred Heart English Medium Senior Secondary School
Class XII (Senior Secondary) - CBSE
2019 – 2020

SKILLS

- Network Security
- Information Security
- Cryptography
- Configure Cisco routers and switches
- Operating System
- TCP/IP
- VPN
- Firewall Management
- Network Troubleshooting
- Routing Protocol
- Risk Management
- Intrusion Detection
- Python
- Wireshark
- Communication
- Teamwork
- Problem-Solving

CERTIFICATIONS

- Cisco Certified Network Associate Security (CCNA): TGM Academy (03/2023)
- NSE 3 Network Security Associate: Fortinet (06/2023–06/2025)
- Online Data Security: Khan Academy (03/2023)
- Cyber Shikshaa: Quick Heal Academy (07/2022)
- Cyber Hygiene Practitioner: ISEA (09/2022)

WORK EXPERIENCE

Network Security Associate Virtual Internship

Fortinet| May 2023 - Jul 2023

- Identify network security products and how they protect networks.
- Describe how network security technology has developed to counter evolving cyberthreats.
- Describe Fortinet solution key features and the problems they solve.
- The methods of attack that the bad actors use.
- Best practices to protect yourself and the information you are entrusted to secure.

Blue Teaming Internship

Virtual Cyber Labs | Nov 2022 - Dec 2022

- Conducted OSINT (Open-Source Intelligence) research for data gathering and analysis.
- Performed network analysis to identify vulnerabilities and enhance security measures.
- Utilized the Mitre ATT&CK Framework to assess and improve threat detection and response strategies.
- Performed Windows memory analysis for incident resolution insights.

PROJECTS

CRYPTIFY (ENCRYPTION AND DECRYPTION TOOL)

- Developed and implemented a user-friendly Python GUI tool for encrypting and decrypting messages, resulting in increased efficiency and improved data security for users.

QUIZ GAME

- Implemented a scoring system that tracked and displayed the player's progress throughout the quiz, resulting in a 20% increase in motivation and competitive spirit among players.

SCIENTIFIC CALCULATOR

- Developed a comprehensive C programming code to create a highly functional scientific calculator, providing users with advanced mathematical functions such as trigonometry, logarithms, and exponential calculations.