ARPIT RAI
Network Engineer

📞 +91 6263636171   ✉ arpitrai6061@gmail.com   🏠 Indore, India

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.