Rohit Rauniyar

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✓ Professional Summary

As a dedicated and enthusiastic cybersecurity student, I am passionate about protecting digital assets and ensuring the security of information systems. With a solid academic foundation in cybersecurity, hands-on experience through projects, and the completion of the Cybersecurity Analyst course by Forage in collaboration with TCS, I am eager to apply my skills to real-world challenges. Additionally, I hold the CCNA certification from Cisco, which has strengthened my understanding of networking fundamentals and security practices, enhancing my ability to tackle complex cybersecurity issues effectively.

⬡ Education

Secondary Education Examination(SEE) at Internation Lucky English School
2019 | Saptari, Nepal

Higher Secondary Education(12th) / HSE at Kantipur college
2022 | Biratnagar, Nepal

Completed 12th or HSE with a focus on Science Stream.

Bachelor of Technology in Computer Engineering (B.Tech(CE)) at RK University
Rajkot, India

Pursuing my degree with a focus on computer science.

↻ Certifications

CCNA certification at Cisco
June 2024

Cybersecurity Analyst Job Simulation at TCS
August 2024

Cyber Job Simulation at Deloite
August 2025

Cybersecurity Awareness: Cybersecurity Terminology at Linkedin Learning
December 2024

The Cybersecurity Thread Landscape at Linkedin Learing
December 2024

☆ Skills

Technical Skills

: Python, Network Security, Data Encryption, Cryptography Fundamentals, Network Protocols, Packet Analysis, Identity and Access Management (IAM), Linux, Windows, Web Application Security, Network Fundamentals, Access Control, IP Connectivity

Non-Technical Skills

: TeamSkill, Basic Communication, Attention to Detail, Adaptability, Ethical Mindset, Problem Solving, Critical Thinking, Time Management, Collaboration, Initiative, Analytical Thinking

‹› **Projects**

Secure File Transfer System

– Developed a Python-based secure file transfer system during the Code Alpha internship, implementing AES and RSA encryption for data confidentiality, secure key exchange, and detailed logging to monitor file access, significantly enhancing data security. Leveraged AI tools to optimize implementation and improve encryption efficiency.

Network Sniffer

– Developed a Network Sniffer to capture and analyze real-time network traffic during the Code Alpha internship. Built a Python-based tool that intercepts and inspects packet data, identifying protocols and flagging suspicious activity, enhancing network security monitoring.

Network Traffic Monitoring

– Developed a comprehensive Python-based network monitoring tool during the Code Alpha internship, utilizing Scapy for packet sniffing, psutil for bandwidth monitoring, and a Tkinter GUI for real-time packet visualization. Supported multiple protocols (TCP, UDP, ICMP, DNS, ARP), enabling detailed traffic analysis and enhanced network visibility.

Caesar Cipher Encryption Tool

– Developed a Caesar Cipher Converter using Python (Tkinter) with features like text encoding/decoding, swap, reset, and conversion history management, showcasing cryptography fundamentals.

Recipe Finder

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Developed a Recipe Finder web application using Java integrating API-based recipe data with user login and profile management features.