KAJAL RANA

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Skills:

Programming Languages: Python, C, Java, JavaScript, C++, CSS
Technical Skills: Information Security, Network Security, System Administration
Specializations: Cryptography, Vulnerability Analysis, Cyber Security.
Soft Skills: Problem-Solving, Project Management, Adaptability ,Good communication skills.

Training:

Coding Spoons (Summer Training)   Jul'24
Data Structures and Algorithms
Completed comprehensive Data Structures and Algorithms training.
Project: Built a Hotel Management System, a console based application developed in C++ and using data structures and algorithms to manage various operations of a hotel.

Sustainable Agricultural Practices   Jul'23
Community Development Volunteer
Project Overview: Community outreach and development projects for various sustainable agricultural practices.
Worked on projects promoting education, health awareness, agricultural practices, and community welfare.

Projects and Contributions:

Security-Automation-with-Python: Oct'24
Python's readability empowers security engineers to automate tasks. Write scripts to scan networks, analyze logs, and patch vulnerabilities. Free up time for complex issues and improve security posture.

Threat-Detection-and-Analysis :   Jun'24
Shield against cyber threats! This field combines AI and data analysis to spot intrusions in real-time. By examining network traffic and user behavior, it identifies anomalies that might signal attacks, allowing security teams to respond swiftly.

Car-Rental-Website: Jul'24
 Car rental website is an online system through which customers can view available cars, register, view profile and book car. Created using HTML, CSS and JavaScript.

Hotel-Management-System: Jul'24
The Hotel Management System is a console-based application developed in C++ and using data structures and algorithms to manage various operations of a hotel. The system is designed to streamline tasks such as room booking, customer check-in and check-out, billing, and service management. The project utilizes core concepts of C++ such as classes, objects, and file handling to create a robust and efficient application.

Certifications:

Coding Spoons: Data Structures and Algorithms	Jul'24
CompTIA Security+	Apr'24
CompTIA Linux+	Mar'24
IBM: Introduction to Cybersecurity Essentials	Feb'24
Prompt Engineering for ChatGPT	Feb'24

Achievements:

Solved 50+ questions on LeetCode: Enhanced problem-solving and coding skills.
Solved 60+ questions on GeeksforGeeks Strengthened algorithmic and data structure knowledge.
Achieved 3 Star for SQL on HackerRank Enhance DB managing Skill.

Education:

Lovely Professional University,(Punjab)   2022-2026
Bachelor of Technology , Computer Science and Engineering

Brain Woods Public School,(Himachal Pradesh)   2022
Intermediate, Percentage:75%

Brain Woods Public School,(Himachal Pradesh)   2020
Matriculation , Percentage:92%