Karan Singh Ranawat

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📞 77269-80057

📍 Jaipur, Rajasthan

Profile

A highly motivated and enthusiastic second-year Computer Science Engineering student with a strong foundation in programming, data structures, and algorithms. Passionate about technology and innovation, with hand-on experience in coding and team-based projects. Eager to learn and apply new skills to contribute effectively to dynamic and challenging environments.

Skills

Python | C | C++ | Data Structures | Algorithms | HTML | CSS | JavaScript

Education

Bachelors in Computer Science Engineering
Chandigarh University
2023 – Present | Mohali
CGPA: 7.28

Intermediate (RBSE)
S.K.S.N Senior Secondary School
2023 | Jaipur, Rajasthan
Percentage: 72.00%

Matriculation (RBSE)
S.K.S.N Senior Secondary School
2021 | Jaipur, Rajasthan
Percentage: 88.00%

Interpersonal Skills

Effective Communication | Active Listening |

Problem Solving | Adaptability | Collaborative

Certificates

- Interfacing with the Arduino – University of California (Coursera)
- Microcontroller and Industrial Applications – L&T EduTech (Coursera)
- Introduction to the Internet of Things and Embedded Systems – University of California (Coursera)

Projects

Flood Detection Using IoT
2024

- Developed an IoT-based flood detection system using sensors and microcontrollers to monitor water levels in real-time and transmit data to a cloud platform.
- Implemented alert mechanism via email and SMS to provide timely warnings, enhancing disaster preparedness and response efficiency.

Car Over speeding Detection
2024

- Designed and implemented a Car over speeding detection to manage people's safety, accident using Python and MySQL.
- Incorporated features for detection creation, speeding.

Student Attendance System
2025

- Developed a predictive model in HTML, CSS, and java in which we store the details of students of different different classes.
- Performed Facial recognition for student attendance.

Extra-Curricular Activities

- Organized multiple events as a member of Kala Connect Club.
- Bronze medal in scout running competition.