

# Riya Singh

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[Riya Singh](#)



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## CAREER OBJECTIVE

A well-organized, creative, and goal-oriented graduate possessing excellent communication, problem-solving, and leadership skills, with a flair for exploring suitable avenues in Computer Science Engineering while developing advanced projects with efficiency and quality.

## EDUCATION

Bachelor in Computer Science and Engineering |  
Chandigarh University, Gharuan

CGPA: 7.1 | 2027

XII (CBSE) | Army Public School No.1, Roorkee

77.00% | 2023

X (CBSE) | Army Public School No.1, Roorkee

83.30% | 2021

## SKILLS

C, C++, Java, HTML, CSS, JS

## ACADEMIC PROJECTS

### Smart Home Automation

- Smart Home Automation using Arduino and Uno to control home appliances remotely via Bluetooth/Wi-Fi

### Snake Game

- Created a classic Snake game using Python Implemented game mechanics like movement, collision detection, score tracking, and increasing difficulty levels

### Smart Waste Management System

- Smart Waste Management System using Ultrasonic Sensors Developed a system using ultrasonic sensors and Arduino to monitor waste levels in bins. Enabled real-time alerts when bins were full.

### Personal Portfolio Website using HTML, CSS, and JavaScript

Developed a responsive portfolio website to showcase my skills, projects, and contact details. Implemented interactive UI components, smooth animations, and mobile-friendly design to enhance user experience.

### Sudoku Puzzle Game using HTML, CSS, and JavaScript

Created a fully functional Sudoku game with an interactive grid and number validation

logic. Integrated game features like difficulty levels and error highlighting, allowing users to solve puzzles efficiently in the browser.

## **INTERPERSONAL SKILLS**

Team leadership | Problem solving | Decision making

## **CERTIFICATIONS**

- Team Skills- LinkedIn Learning
- Design Thinking and Problem-solving- LinkedIn Learning
- Cloud Computing- NPTEL