

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