

# ROSHAN KUMAR

Ranchi | India

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## Summary

I am an enthusiastic and ambitious Computer Science student with a deep interest in technology and problem-solving. I enjoy exploring innovative ideas, learning new concepts, and applying them to real-world challenges. With a strong drive for personal and professional growth, I am eager to contribute to meaningful projects and collaborate with others to make a positive impact through technology.

## Education

### C V Raman Global University

Bachelor of Technology in Computer Science and Engineering

CGPA(upto 4<sup>th</sup> Sem) : 8.38

October 2022- PRESENT

Bhubaneswar, Odisha

### Gurunanak Hr Sec School

Secondary High School in Science(CBSE)

April 2019 – Mar 2021

Ranchi, Jharkhand

### International Public School

High School in Science(CBSE)

April 2017– March 2019

Ranchi, Jharkhand

## Relevant Coursework

- Data Structures and Algorithms
- Operating System
- Database Management System

## Technical Skills

**Languages:** Python, C++, HTML/CSS, SQL.

**Developer Tools:** VS Code, Eclipse, Google Collab, Microsoft Office

**Technologies/Frameworks:** Linux, Windows, Git, GitHub.

**Concepts:** Data Structures and Algorithms, Object-Oriented Programming

**Frontend Development.**

## Certification

- Certificate of completion : The complete 2024 web development bootcamp-Udemy.
- Completed a UX Design Certification, gaining foundational knowledge in user-centered design and digital product creation coursera.
- Mastering C++ (Udemy)
- IT & Cyber Security 101 -Cyber Security (Udemy),
- **Software Engineer Intern** - Certified by HackerRank after passing the role certification test, showcasing strong technical and problem-solving skills.

## Projects

- **Basic Calculator** : Developed a calculator web page using HTML, CSS, and JavaScript to perform basic arithmetic operations with an intuitive user interface.
- **File Compression Tool (2024)**: Developed a tool in C++ that implements Huffman Encoding to compress and decompress files efficiently, reducing storage requirements by up to 50%.
- **Snake Game(2024)** : Developed an interactive Snake Game using HTML, CSS, and JavaScript, showcasing expertise in frontend development, responsive design, and game logic implementation.

## Achievement

- Solved 220+ Questions with a highest contest rating of 1,563 + on [Leetcode](https://leetcode.com/) demonstrating strong problem solving skills at Data Structures and Algorithms.
- Completed a UX Design Certification, gaining foundational knowledge in user-centered design and digital product creation coursera.
- **Problem-Solving Skills**: Solved 70+ Data Structures and Algorithms problems on GeeksforGeeks, demonstrating strong analytical and coding proficiency.