



# Krishanu Saha

BE Information Technology  
Under Graduate  
Jadavpur University

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## EDUCATION

- **Jadavpur University** 2021-2025  
BE In Information Technology CGPA: **8.43/10**
- **Rampurhat J.L Vidyabhavan** 2020  
West Bengal Council of Higher Secondary Education, West Bengal Percentage: **94.5**
- **Jajigram S.A High School** 2018  
West Bengal Board of Secondary Education, West Bengal Percentage: **92**

## PERSONAL PROJECTS

### • Chatopia

Chatopia is an online chat application that allows multiple users to join and chat personally.

- The user interface is divided into three sections, Users, Chat, Online Users
- Real-time Updates: Online user list and chat messages are updated in real-time using WebSocket technology.
- Chat History: Users can view past chat history with selected users.
- Security: The application prioritizes security measures to protect user data
- Technologies used: HTML,CSS,JavaScript,Reactjs,WebSocket,Mongodb,Expressjs,jwt

### • Rat in a Maze Visualizer

This is a web application that allows you to visualize the famous Rat in a Maze problem

- Visualizes the Rat in a Maze problem, where a rat must reach the bottom right corner where the cheese is located
- Maze size can be adjusted (up to 8x8), rat speed can be controlled, and users can add custom obstacles
- Users can add custom obstacles to the maze for increased complexity and challenge
- Technologies used: Reactjs,HTML,CSS,JavaScript

### • Bank Management System Using OOP

BankingApp C++ using Object-Oriented Programming (OOP)

- Developed a command-line banking application in C++ to simulate various banking operations, including account creation, balance inquiries, deposits, withdrawals, and transfers
- Demonstrated proficiency in object-oriented programming, encapsulation, data hiding and error handling
- Implemented user-friendly prompts and interactions for a seamless user experience.
- Technology used: C++

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, Java **Developer Tools:** Git, Visual Studio Code **Technologies:** HTML, CSS, JavaScript, ReactJS, Node.js **Databases:** MySQL, MongoDB(Basic) **Soft Skills:** Effective communication, Problem-solving, Teamwork  
**Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management System

## PROFILE LINKS

- **LeetCode:** Krishanu7
- **Codeforces:** krishanu1137
- **Github :** Krishanu Saha

## ACHIEVEMENTS

- **Knight** in Leetcode (Height rating of **1909**) Daily Streak of 94 Days
- **730+** questions solved on **Leetcode**
- Height rating of **1623** and **3\*** at **CodeChef**
- Height rating of **1181** at **CodeForces**