

# SOUMYADEEP SINGH

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🌐 [Linkedin](#)

🐙 [GitHub](#)

[Leetcode](#)

🏆 [Codeforces](#)

## EDUCATION

Jadavpur University

Btech in CSE - **CGPA - 8.1 (Till 4th semester)**

**2022-2026**

Kolkata, West Bengal

Mary Immaculate School

Class 10 **Percentage - 94%**

Class 12 **Percentage - 95%**

**2008-2022**

Berhampore, West Bengal

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Full Stack Web Development
- Operating Systems
- OOPS Concept
- Computer Networks

## PROJECTS

**Infinite Tic-Tac-Toe** [↗](#) | HTML5, CSS3, JavaScript (with DOM)

**2023**

- Developed Infinite Tic-Tac-Toe with two game modes: **Standard** and **Disappearing Moves**.
- Integrated **HTML5** for structure, **CSS3** for responsive design, and **JavaScript (with DOM)** for interactive gameplay and dynamic updates.
- Implemented game logic including turn management, win detection, and draw conditions for a seamless gaming experience.
- Designed a user-friendly interface with a turn indicator and easy game reset functionality.
- **Demo:** [View demo](#)

**Hotels and Resorts in India** [↗](#) | HTML, JavaScript, CSS, MongoDB, EJS, Node.js

**2024-present**

- **Hotel and Resort Management System:** A full-stack web application allowing users to add, review, and rate hotels and resorts in India, enhancing user choices and experiences.
- **Modern Web Technologies:** Built with **HTML**, **CSS**, **JavaScript** for a responsive frontend. **Node.js** and **MongoDB** manage backend operations and data storage. **EJS** dynamically generates HTML.
- **Map Integration:** Integrated map services to display hotel and resort locations, providing users with easy navigation and location details.
- **Photo Upload and Display:** Implemented features for users to upload and view photos of hotels and resorts, enriching the listing and review experience.
- **Ongoing Development:** This project is currently in progress, with continuous improvements and feature additions being made to enhance user experience and functionality.

## TECHNICAL SKILLS

**Languages:** C/C++, Java, Python, HTML, CSS, JavaScript, SQL, NoSQL, React

**Developer Tools:** VS Code, IntelliJ IDEA Ultimate

**Technologies/Frameworks:** Linux, Unix, GitHub, Node.js, Express.js, Git, MongoDB

**Domains:** Full Stack Web Development, Competitive Programming, Machine Learning

## Honors & Awards

- Secured **first position** in GDSC Competitive Programming Contest among second-year students. (2023)
- **Ranked top 5** in finals of H42, a competitive programming event at Srijan Inter college Tech Fest, Jadavpur University. (24th March 2024)
- **Rank: 6222 in JEE MAINS, 99.32 percentile.** (2022)
- Achieved **first place** with a line-following robot in the 'HOMECOMING' competition at **Srijan on 23rd March 2024** [[repo link](#)] [[Let's see how it follows!!!](#)].

## Achievements

- Solved **1000+** problems on LeetCode: [Profile Link](#)
- **Knight** in LeetCode contests: Rating: 2036 (**Top 2.3 percent**)
- **Specialist** at Codeforces: Rating: 1448 [Profile Link](#)

## CERTIFICATIONS

- Machine Learning A-Z
- The Web Developer Bootcamp 2024