

# SOHAM SETH

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## Education

### Birbhum Institute Of Engineering And Technology

*Bachelor of Technology in Computer Science And Engineering (CGPA-8.16)*

Sep. 2021 – June 2025

Suri, West Bengal

### St. Luke's Day School

*ISC (Percentage-86)*

March 2020 – June 2021

Naihati, West Bengal

### St. Luke's Day School

*ICSC (Percentage-81)*

March 2018 – April 2019

Naihati, West Bengal

## Relevant Coursework

- Data Structures
- Software Engineering
- Database Management
- Artificial Intelligence
- Web Technology
- Computer Architecture

## Projects

### Number Guessing Game | Java, IntelliJ IDEA

December 2024

- Developed a console-based game in Java where the user guesses a randomly generated number within a defined range.
- Utilized Java's Random class to generate unpredictable target numbers.
- Implemented loop-based logic and conditional statements to provide hints (higher/lower) after each guess.
- Added input validation and attempt limits to improve user experience.
- Enhanced skills in Core Java, control flow, user input handling, and basic game logic design.

### To-Do List CLI App | Python, VS Code

February 2025

- Developed a command-line To-Do List application to manage tasks efficiently.
- Implemented core features: adding, updating, deleting, and viewing tasks.
- Enabled task prioritization and due date tracking.
- Demonstrated proficiency in Python programming and file I/O operations.
- Enhanced understanding of object-oriented principles through task management features.

### Calculator App | HTML,CSS, JavaScript, VS Code

April 2025

- Developed a functional web-based calculator application.
- Designed a responsive and intuitive user interface using HTML and CSS.
- Implemented arithmetic operations (addition, subtraction, multiplication, division) using JavaScript.
- Used JavaScript for dynamic interaction, handling user inputs and performing real-time calculations.
- Incorporated error handling to manage invalid inputs and prevent crashes.
- Applied CSS for a clean, modern design with responsive layout for mobile and desktop views.
- Demonstrated skills in front-end web development and user experience design.

## Technical Skills

**Languages:** Python, Java, Spring Boot, Numpy, Pandas, HTML, CSS, JavaScript, MySQL, MongoDB

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

## Leadership / Extracurricular

- Captained for College cricket team for two consecutive years
- Sports(Aerobics Gymnastics-District level, State Level, National Level
- Interests: Photography, Editing