

# Indian Institute of Technology, Madras

## EDUCATION

| PROGRAM                     | INSTITUTION                           | %/CGPA | COMPLETION |
|-----------------------------|---------------------------------------|--------|------------|
| Bachelor, Civil Engineering | Indian Institute of Technology Madras | 7.19   | 2025       |
| XI + XII                    | Narayana College, Vishakapatnam       | 95.9%  | 2021       |
| X                           | Suresh High School, Parvathipuram     | 10     | 2019       |

## SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank Of 11,200 in Joint Entrance Examination Advanced '21.
- Secured 98.6 percentile in Joint Entrance Examination Mains '21.
- Secured State Rank of 1005 AP EAMCET '21.

## RELEVANT COURSEWORK AND SKILLS

|                               |                                 |                          |
|-------------------------------|---------------------------------|--------------------------|
| - Introduction to Programming | - Probability and Statistics    | - Differential Equations |
| - Series and Matrices         | -Data structures and algorithms | -Functions and Variables |

### Skills:

- FULL STACK DEVELOPMENT,
- DATA STRUCTURES AND ALGORITHMS

### Technologies:

- MongoDB, Express.js, Node.js, React.js (MERN)
- HTML, CSS
- Java Script
- C++
- Version control and Code Collaboration (GIT HUB)

## PROJECTS→

### AMAZON CLONE

June 2023

- **Designed** User Registration and Authentication System. Enabled users to add products to a shopping cart with **REACT JS** framework
- **Created** a database to store product information, including titles, descriptions, prices, and images using **MongoDB**
- **Designed a responsive, user-friendly interface** works well on different devices and screen sizes.

### FLAPPY BIRD USING JAVASCRIPT

June 2023

- Handle user input, typically using the keyboard or mouse. Register event listeners for key presses or mouse clicks. Using **DOM** Event Listeners in Java Script
- Coded simple math equation to create Bird Movement and Gravity
- Implemented collision detection between the bird and the ground or pipes

### SUDOKU SOLVER

June 2023

- Implement a **Backtracking algorithm** to solve the Sudoku puzzle recursively
- Incorporated **Input Validation Techniques** to ensure the initial Sudoku puzzle is valid
- Implemented a **Function** to display the solved Sudoku Grid.

