

## Sanya Singh



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## EDUCATION

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### -Vellore Institute of Technology

2021-25

*Bachelor of Technology in Computer Science and Engineering*

CGPA: 8.60

### -D.A.V. Public School

2019 - 2021

*Board of Secondary Education, State*

Percentage: 89

## PROJECTS

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### -Memory Matching Game

*HTML, CSS, JavaScript,*

[Source Code](#)

- This is a simple and interactive game. It calculates the number of moves and the time taken by the player to complete the game in real time.

### -IMDB Rating predictor

*Python*

[Source Code](#)

- Two Types of machine learning model are used, they are: regressors (to account for the changes in continuous data) and classifiers (to factor in the Ordinal behavior of the 'Rating' attribute)
- The ultimate goal through this Project was: "To enable Prediction of QUALITY OF FRESH CONTENT (movies in this case) based on Social Media attributes such as Facebook Likes for Movie, number of Votes given etc.,

### -Todo List

*HTML, CSS, JavaScript.*

[Source Code](#)

- Web App made for creating to-do list for the day
- Features - Add, Delete, Check Tasks in the list, Notification Panel, Sort the todos lexicographically and in the order they were added.

### -Volume control using hand gestures

*Python*

[Source Code](#)

- Built a volume control system using python using OpenCV, mediapipe and Pycaw libraries
- It detects our hand with points in it so as it can see the distance between our thumb fingertip and index finger tip.
- The benefits : Easy to use, hassle free, easy interaction with the system without actually pressing anything on the keyboard

## TECHNICAL SKILLS and INTERESTS

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**Languages:** C/C++, Java, Javascript, HTML+CSS

**Libraries :** C++ STL, Java Collection, ReactJs

**Web Dev Tools:** VScode, Git, Github

**Cloud/Databases:** MongoDB, Relational Database(Sql)

**Relevant Coursework:** Design and Analysis of Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks.

**Areas of Interest:** Web Design and Development, Backend Development.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## POSITIONS of RESPONSIBILITY

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- Member of Game development Club (Web Development department)
  - Worked on creating a landing page for the club. The website included information about the club
- Member of Data Science Club (Web development Department)
  - Created various projects for the club with a dedicated group of people
  - Project name: random joke generator (This was done using HTML, CSS, JavaScript) ([Source code](#))

## Non – Technical Skills

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- Ability to work in a team
- Self-motivated
- Problem solving
- Analytical Thinking