



Gautami Mehta

Undergraduate

Fourth Year Student, pursuing Computer Science Engineering at Vellore Institute of Technology Enthusiastic and a Hard-working individual Interested in exploring new domains. Front-end Developer || Public Speaking || Event Coordinator

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EDUCATION

Graduation

Vellore Institute of Technology

2018 - Present

CGPA 8.87/10

Graduation

- Computer Science Engineering

Higher Secondary Education

DAV Sr. Sec. School

2016 - 2018

92%

Intermediate

- Physics - Chemistry - Mathematics

Secondary Education

Sacred Heart Sr. Sec. School

2003 - 2016

CGPA 10/10

Secondary School

- Secondary School Certificate

WORK EXPERIENCE

Summer Intern

DAMCO Company

03/2021 - 04/2021

Chandigarh

Tasks

- I worked as an front-end web development intern.
- I gained skills like HTML, CSS, bootstrap and JS.

Documentation And Editorial Head

Society For Industrial and applied Mathematics

03/2020 - 02/2021

SIAM VIT - Vellore

Tasks

- Reviewed organizational documents for accuracy purpose.
- Lead a team of enthusiastic English linguistics.

SKILLS

HTML

CSS

Bootstrap

JS

Node JS

Skill

React

SQL

DBMS

C++

Python(Intermediate)

JAVA(Basics)

PROJECTS

Virtual Mouse using Colour Segmentation
(11/2019 - 04/2020)

- The aim was to move the mouse cursor on the screen without using hardware through finger movements i.e. the process of gesture recognition. In this project, we presented a novel approach where cursor movement is controlled using a real-time camera.
- **Object Detection, Image Processing, Colour recognition, Human and Computer Interaction.**

Analysis of Singapore Metro Stations Networks
(01/2021 - 05/2021)

- In this project we used network analysis to find the most important stations in the metro networks.
- We generated the different graph attributes like degree centrality, Betweenness centrality, closeness centrality to identify the tightly interlinked groups with in a network.
- **R programming, Social and Information network and Centrality Measures.**

Online Vehicle Management System (07/2019 - 10/2019)

- The project creates a webpage where the users can login and starting point and the destination place. The webpage displays the shortest path and the total distance.
- Kept a count of all the vehicles that can be used per day by each individual.
- **Sorting techniques** and Algorithms, **Dijkstra's algorithm, Bellman-Ford algorithm, Floyd Warshall's algorithm.**

Hotel Booking and Management System
(07/2020 - 10/2020)

- We tried to show how the Data/information in the hotels is managed. It also manages the data base of the employees.
- **HTML, CSS, Bootstrap, PHP and SQL** - these technologies were used.