

# AVIRAL SINGH

## Front-End Web Developer & Data Analyst

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### SUMMARY

I am a pre-final year Computer Science and Engineering student at VIT Chennai, specializing in CyberPhysicalSystem. Skilled in front-end web development and passionate about analyzing data, I continuously explore and apply advanced algorithms. I have demonstrated leadership and organizational skills through active participation in various events and initiatives. Eager to collaborate on innovative projects in the tech industry, I bring a proactive approach and a keen interest in staying at the forefront of technological advancements.

### SKILLS

#### FRONTEND WEB DEVELOPER:-

HTML , CSS , JAVASCRIPT

#### PROGRAMMING LANGUAGES:-

JAVA , C , PYTHON , C++ , ASSEMBLY

#### FRAMEWORKS:-

REACT JS , FLASK

#### OTHER LANGUAGES:-

MYSQL , PLSQL , R , MATLAB

#### ESSENTIALS:-

GIT/GITHUB , COLLAB NOTEBOOKS/JUPY , EXCEL(CSV)

#### WORKED WITH OPEN MPI

### EDUCATION

Bachelor of Technology (BTech)    CGPA:-9.52

Vellore Institute of Technology, Chennai Campus    07/2022 - Present

Junior College in Science Stream    PERCENTAGE:-95.6

Shah Faiz Public School Ghazipur U.P ,INDIA    07/2019 - 05/2021

Secondary School    PERCENTAGE:-92.2

Shah Faiz Public School Ghazipur U.P ,INDIA    07/2017 - 05/2018

### KEY ACHIEVEMENTS

#### 4<sup>TH</sup> Rank in Department 2023

for having a good academic year and have got a certificate for the 4<sup>th</sup> rank in CSE Department.

#### Guest-care community member for international students in technoVIT'23

it allowed me to support and connect with diverse international students.

#### Student coordinator for organising Game-a-thon event in technoVIT'23

it showcases my ability to lead and organize engaging experiences for my peers.

### PROJECTS

#### Parallel Sorting Using Open MPI

01/2024 - Present    VIT Chennai  
This project utilizes the key knowledge of parallel computing and the knowledge about Open MPI and its showcase the sorting done parallel to decrease the workload and increase the efficiency.

#### Student Management System: Using REACT, CSS,PHP and SQL Databases

02/2024 - 04/2024    VIT Chennai  
This Student Management System project leverages REACT, CSS, and SQL and PHP databases to create an intuitive and visually appealing platform for managing Student database operations. Aimed at addressing the complex challenges faced by institutions, the system optimizes resource allocation, Student information management, time table scheduling, and staff administration.

### LANGUAGES

English	Native
Sanskrit	Intermediate
Spanish	Beginner
Hindi	Native