

# VISHAL PAWAR

Mtech @ IIIT Hyderabad , CSE 2023

vishalpawar24012204@gmail.com

9589336908

## Education

Masters of Technology : IIIT Hyderabad (CSE) 2023

Bachelor of Engineering : SGSITS Indore (CSE) 2019 || cgpa : 7.08

Class XII : St.Xavier's (2014) || 88.80%

Class X : St.Xavier's (2012) || cgpa : 10

## Experience

### Persistent Systems

Aug '19 to Aug '21

#### Project Engineer

- Worked on Life Science and Operative Media projects with Data Practices Team.
- Hands-on experience in Data Analysis ,C++, Linux, Python, Windows SDK Development.

## Project Details

### Persistent HealthCare

- Persistent HealthCare application helps people to predict which lifestyle disease (along with its probability) they're likely to have based on the lifestyle that they follow.
- Technology Used : ML Algorithm: Decision-Tree Algorithm , HTML, CSS, JavaScript, Bootstrap as Front-end technologies , Data Analytics (using NumPy, Pandas, Matplotlib, Seaborn, Plotly) , Flask as a Back-end Server to host the app.

### Automated water regulation and irrigation system

- Designed and developed an automated water regulation system for smart irrigation system to automate the process of irrigation for optimal water distribution based on information collected from sensors.
- Monitoring and analyzing the moisture level in the farm and then use this information for decision making regarding when to start and stop the irrigation process, storing and providing information to the user about the recent condition of storage tank and farm.
- Technology Used : It consists of 4 tightly connected subsystems i.e environment and device sensor collection , NodeMCU ESP32 , Arduino , User interface (Android), Android Studio , C++.

### Twitter Sentiment Analysis using NLP

- Enables users to fetch tweets from twitter and predict the sentiments behind them.
- Based on TF-IDF model of text visualization in Python.
- Also able to summarize data from any webpage.
- Technology Used : Python , Pandas ,N.L.P Libraries.

### Online Discussion Forum (Like Quora)

- Enables users to post queries online and also take part in any discussion and answer.
- Question-and-answer site where questions are asked, answered, edited, and organized by its community of users.
- Technology Used : Php and Mysql, Html, Css.

## Skills

C++  
Python  
Data Analysis  
Machine Learning  
N.L.P

## Other Skills

Flask  
MySQL  
PHP  
JavaScript  
HTML

## Tools

Anaconda  
Visual Studios  
Eclipse IDE  
Creately  
ArgoUML

## Achievements

GATE 2021 :  
99.16 Percentile

## CoursesWork

Data Structures  
Analysis Design of Algorithms  
Operating Systems  
Computer Networks  
Database Management System  
Data Practices and Analysis  
Machine Learning