Twisha Sonpal

Graduating @ L.J University

Finding opportunities to obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations. I am an able, keen, skilled, and trustworthy individual seeking a software engineer position. Bringing strong computer skills, and personal attributes including devotion, meeting goals, inventiveness, and the aptitude to follow through.

Contact

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Education

2025

Bachelor of Engineering [CSE]

L.J University

2022

Diploma in Computer Engineering

Gujarat Technological University

2019

SSC[10th]

Gujarat Board

Interest

- Software system engineering
- Machine Learning
- Data Science
- Data Analysts
- Software Design

Language

- **English**
- **Gujarati**
- **Hindi**

Skills

Python

- Python Pandas
- Data Visualization with Python
- Regular Expressions and Multi-threading
- Machine learning and Web scraping
- Web Programming using Python
- GUI and Game Development using Python
- Working with Mouse Input, Sounds and Images
- Django Framework , Cookies and Sessions

Full Stack Development

- HTML/CSS
- JavaScript
- PHP
- MERN

JAVA

- Java Fundamentals.
- OOPs Concepts.
- Overloading & overriding.
- Inheritance with Interface and Abstract Class.
- Exception Handling.

C++

- Categories in C++
- Storage Management
- Input and Output in C++ Program
- Functios

PHP

- PHP Basics.
- Web Application.
- Databases.

Data Structure in Python

- Link list
- Big O notation
- Array,stack,Queue and Binary tree.
- Hash map[dictionary,collision handling.
- Recursion

Certificates

- **Geoprocessing using Python**

  From:

- **Crash Course on Python**

  From: Google

- **Data Structures**

  From: Skillzcafe

- **Full-Stack Development**

  From: coursera

- **Basic of python**

  From: Infosys

- **Python Programming Bootcamp**

  From: udemy

- **Advance excel**

  From: elm

- **Group Discussion**

  From: tcs iON

Curricular Activities

- **Participated in TCS NQT**
- **Qualified coding ninja round 1 contest .**
- **Participated in coding ninja round 2 .**

Tools/software

- **Jupiter Notebook**
- **Visual Studio**
- **Sublime Text Editor**
- **PhpMyAdmin**

PROJECTS

FabGrocery
- It is a dynamic website which is built using HTML/CSS, JavaScript and PHP. Aim of this website was to find solution during pandemic situation, this website deliver product to customer in minimum 1HR

Car sensing
- This system is design using python programming language. This system detects the NO. of cars running in video

Crypto Tracker
- A cryptocurrency price tracker which monitors the current value of digital currencies, in addition to information about market capitalization, trading volume, price charts, and other types of data.

Data Analysis
- This system is Designed using Python Programming Language in which user can visualize their data in graphical form in which user can see that most of the orders & total sales/amount are from Particular state or city. From graphs we can see that most of the buyers are working in IT, Healthcare and Aviation sector, we can also see that most of the sold products are from Food, Clothing and Electronics category and more

Quiz Application
- This system is created using Python. This system work as a quiz game in which you can participate and by answering question you can know your solving ability.

Movnest:
- Movenest is a website which is created using HTML/CSS and JavaScript in this website user can search movie name and can get detail information about move or can get description of movie and its rating.

Timer
- This project is created using HTML/CSS, JavaScript in which user can set timer or reminder which helps user to reach their goals and user can also see time left to reach their goals. User can add their timer for preparation of exam, timing of event and more

Voting System
- This system is designed using python programming Language. This system allows user to participate in election and analyze the winner,

Racer++
- Racer++ is a game which is created using C++. By playing this game user can pass the time on long car journeys, on free time, to divert their mind and more.

Brain-Test
- Brain test is website which is build using HTML/CSS and JavaScript. In this website user finds Questions Related to Numerical Ability, Verbal English, Reasoning Ability and more and by answering questions user can test their solving skills