

## Summary

An independent and self-motivated graduate with proven and tested skill in Software Development and Data Science. Detailed Data Analyst Intern well-versed in python, Machine Learning and Statistical methods. Eager to contribute to teams' success through hard work, attention to details and excellent organizational skills. Motivated to learn, grow and excel in the field of Software Development and Data Science.

## Education

- University of Texas at Dallas** Dallas, TX  
08/2021  
Masters of Science | Computer Science | GPA:3.57  
Relevant Coursework: Machine Learning, Statistical Methods for Data Science, Database design
- Sardar Vallabhbhai Patel Institute of Technology** Vasad, India  
08/2017 – 06/2021  
(Affiliated under **Gujarat Technological University**)  
Bachelor of Engineering | Information Technology | GPA: 3.67  
M.Y.S.Y Scholarship (Awarded for scoring more than 80% in High School)

## Experience

### The Sparks Foundation, India

#### Data Science and Business Analyst Intern

01/21 - 04/21

- Identified, analyzed and interpreted trends as well as pattern in complex data sets by finding correlation and visualizing with charts.
- Cleaned and backed up data to maintain data integrity during extraction, manipulation and processing.

### University of Texas at Dallas

#### Computer Science Grader and Lab Assistant

08/2021 - Current

- Working as a lab assistant for the undergraduate course of "Programming in C++".
- Currently teaching and grading undergrad course of "Computer Architecture".

## Projects

- Netflix Movie Recommendation System** 08/2021  
Collected, cleaned and analyzed Netflix dataset and implemented User-Based collaborative filtering algorithm for making the predictions.

- Hospital and Diet nation** 08/2020 – 06/2021

A Web Application having functionalities such as prediction of diseases, calculating calorie count of food using images, providing diet plans according to the needs of user and giving medical assistance. The project is being developed using Python, Machine Learning, Deep Learning, HTML, CSS, React.js, Node.js and MongoDB.

- Bus Management System** 05/2019 – 12/2019

Developed a .NET Framework which can provide information about the availability of seats and gives the facility to book tickets online to all the users travelling in buses running in the state of Gujarat, India.

- Education Planner** 12/2018 – 04/2019

A Web application which helps students in finding an apt university for them according to their merit.

## Skills

**Language:** Python, C, C++, Java, SQL, HTML, CSS, JavaScript

**Database:** MySQL, MongoDB, Oracle

**Frameworks:** Hadoop, Spark, TensorFlow, React.js, Django

## Volunteer Work

- Volunteer in the National Level Event of Avishkar organized by S.V.I.T University.
- Received Scholarship for University Education from the Government of Gujarat.

## Publications

"IOT Health Monitoring System" Majmudar Yash N, Shah BP, Patel D & Vachrajani T. IJARESH Publication, Volume 8, Issue 12, Dec-2022

## Certifications

- Machine Learning (Stanford University)
- Advance Data Science with IBM
- Google Cloud Big Data and Machine Learning Fundamentals
- IBM DevOps and Software Engineering