

## ABOUT ME

Innovative and analytical problem-solver with a strong passion for Data Science, AI, and emerging technologies. I thrive on exploring new concepts and turning complex challenges into scalable, impactful solutions. With a strong blend of technical expertise and creative thinking, I take a hands-on approach to solving real-world problems. A collaborative team player with proven leadership abilities, I'm equally comfortable contributing within a group or guiding teams toward shared goals. Eager to grow in a dynamic environment where I can apply my skills, adapt to evolving technologies, and drive meaningful impact.

## EDUCATION

Silver Oak University , Ahmedabad .

2022 - 2026

Bachelor of Technology in Information Technology | CGPA : 9.56

## SKILLS

- **Languages & Libraries:** Python, SQL, NumPy, Pandas, Scikit-learn, TensorFlow, Keras,, NLTK, spaCy
- **Visualization:** Matplotlib, Seaborn, Plotly
- **Math & Stats:** Probability, Statistics, Linear Algebra
- **Databases:** MySQL
- **Tools:** Jupyter, Google Colab, Github, VS Code
- **Soft Skills:** Communication, Teamwork, Leadership, Fast Learner

## PROJECTS

### CNN-Based Plant Disease Detection App

- Designed and trained a CNN model to detect plant diseases from leaf images.
- Built a Streamlit app that predicts the disease name from an uploaded image and display short information.

### Flight Fare Prediction App using ML & Streamlit

- Built a web app to predict airline ticket prices using a trained Random Forest model.
- Achieved  $R^2$  score of 0.89 on validation data and deployed via Streamlit with modular preprocessing.

### Apple Million Dataset Analysis using SQL

- Analyzed large-scale Apple product sales data across stores using SQL queries.
- Derived insights on top products, store performance, and sales trends.

### Volcanic Eruption and Earthquake Data Analysis

- Analyzed global volcanic eruption and earthquake data using Python, NumPy, Pandas.
- Visualized trends and patterns using Seaborn and Matplotlib for insightful interpretation.

## INTERNSHIPS

### IBM SkillsBuilds

June , 2024 - August, 2024

Data Analytics Summer Internship Program

- Analyzed large datasets to identify patterns and insights for business decision-making.
- Worked with Pandas, NumPy and SQL for data cleaning ,manipulation and created interactive visualizations.

### Infividhya

June , 2024 - July, 2024

Introduction to Data Science Summer Internship

- Gained foundational knowledge of data science concepts, including data preprocessing and basic AI- ML.
- Explored key data science techniques and their real-world applications.

### AICTE & Edunet Foundation

Dec , 2024 - Jan, 2025

AI-ML With Green Skills

- Developed Chatbot using NLP concepts and Fasttext model.
- Explored the application of machine learning algorithms for promoting green skills.

## CERTIFICATIONS

- Code Unnati Advanced course for AI-ML, DL, IoT, Computer Vision .
- Google Cloud Career Launchpad Generative AI track .
- NPTEL - Design and Analysis of Algorithm .
- NPTEL - Software Engineering .
- NPTEL - programming in Java.
- NPTEL - Introduction to IoT

## LANGUAGES

 English , Hindi , Gujarati