Gujjala Sai

# Hyderabad, Telangana

[gujjalasai33@gmail.com  +91 9014875415  www.linkedin.com/in/gujjala-sai-2b9398232| [Github.com/Saihardik](https://github.com/Saihardik)](http://www.linkedin.com/in/gujjala-sai-2b9398232)



**PROFESSIONAL SUMMARY**

# Motivated Data Analyst and Python Developer with experience in analyzing data, building applications, and creating dashboards. Skilled in Python, SQL, Excel, and Power BI. Able to turn data into insights and develop tools that support business decisions. Strong problem-solving skills with hands-on project experience.

# EDUCATION

### Bachelor of Technology in Artificial Intelligence and Data Science 2021-2025

A1 Global Institute Of Engineering And Technology

CGPA : 8.45/10

## SKILLS

**Programming:** Python ,SQL

**Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

**Frame works:** Basic Django

**Data Visualization:** Power BI, MS Excel

**Databases:**  MySQL, Oracle SQL

**Concepts:** EDA, KPI Reporting, ETL, OOPS,Feature Engineering,Dashboarding,Data modeling,Statistical Analysis

**Tools and Platforms:** Git,GitHub,Jupyter Notebook,Google colab

**Soft Skills:** Problem Solving, Communication, Critical thinking

## EXPERIENCE

**Data Analyst and Python Developer Intern(Training Program) - QSpiders Global** January 2025 – Present | *Hyderabad*

* Gained hands-on experience in **Python**, **data analysis**, and **Power BI** through real-time project work.
* Created **Power BI dashboards** to visualize key business metrics like sales and customer behavior
* Conducted **exploratory data analysis (EDA)** using **Pandas**, **Matplotlib**, and **Seaborn** on real-world datasets

## PROJECTS

### Water Quality Prediction [[Project Link]](https://github.com/Saihardik/Water-Quality-Prediction)

### Built a Random Forest model to classify water potability using key physicochemical features.

### Applied data preprocessing techniques like cleansing, scaling, and feature selection to improve performance.

### Deployed the model via a Flask web app with real-time prediction using user input and model serialization

### Hosted on Render for real-time water quality prediction via user input

### Walmart Customer Behaviour Dashboard [[Project Link]](https://github.com/Saihardik/Walmart-Customer-Behaviour-Dashboard)

### Designed an interactive dashboard to analyze Walmart customer purchasing trends using Power BI.

### Cleaned and transformed a single transactional dataset using Power Query for visualization.

### Created custom visuals to display patterns by age,gender, city, and product category, enhanced with slicers and filters

### Delivered data-driven insights into customer segments, repeat purchase behavior, and category-wise sales performance.

### Hotel Booking Insights and Cancellation Analysis [[Project Link]](https://github.com/Saihardik/Hotel-booking-report)

* Analyzed 30,000+ booking records from city and resort hotels to uncover trends in customer behavior, cancellations, and seasonal demand.
* Identified key factors affecting booking cancellations using correlation analysis and visualization techniques.
* Performed EDA to extract insights on **booking lead time**, **cancellation behavior**, **ADR (Average Daily Rate)** trends, and **market segment performance**.
* **Visualized distributions** and **trends,** using **Seaborn**, **Matplotlib**, and feature importance plots to support data-driven decision- making.

**Weather App -Desktop based Real Time Weather Forecasting** [**[Project Link]**](https://github.com/Saihardik/Weather-App)

## Developed a Python GUI application using Tkinter to display real-time weather information based on user input.

## Integrated OpenWeatherMap API to fetch weather data such as temperature, humidity, wind speed, and weather conditions

## Implemented input validation and error handling to manage invalid inputs and failed API responses

## CERTIFICATIONS

* **Promt Engineering and chatgpt :** Applied GenAI for data-related prompt creation and automation
* **Gen Ai Powered Data Analytics** : The job simulation helps to how to use Gen Ai in the data analytics and perform Analysis to insightful reports
* **Deep Learning**: The virtual internship helps to understand the neural networks and gain knowledge on deep learning.