

# Rishabh Sharma

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## Education

### VIT Bhopal University

Bachelor of Technology in Computer Science  
CGPA– 8.88

May 2021 - Ongoing

### K.V. No 1 AFS Agra

Senior Secondary Certificate Examination (Class XII)  
Percentage – 92.4 %

May 2021

### K.V. No 1 AFS Agra

Secondary Certificate Examination (Class X)  
Percentage – 87.2 %

May 2019

## Technical Skills

**Core Skills:** C++, SQL,DBMS,ML,OOPs,PowerBI

**Coding:** Achieved a 5-star rating on HackerRank in C++, solved over 800 problems on LeetCode and GeeksforGeeks.

**Certifications:** AI & ML (SmartInternz, Jan 2024); Data Science (BoardInfinity, Apr 2023)

## Projects

### Food Demand Forecasting

SQL , Kafka , PowerBI , Mlflow , DVC , Pandas

Sept 2024

- Developed a food demand forecasting solution using structured and unstructured databases, advanced data processing, and real time integration
- Built machine learning models and instituted robust version control, boosting scalability
- Handled a large dataset of over 900k rows, achieving a final RMSE of 63.
- Link: <https://github.com/rishabh301/Food-Demand-Forecasting>

### Museum Ticketing ChatBot

python, Twilio API , Gemini API , RAG

Sept 2024

- Developed a portal for museums to register and manage ticket booking and verification processes.
- Integrated Twilio API for a whatsapp-based chatbot, enabling ticket purchases and user interaction.
- Created interactive data visualizations for museum authorities to monitor ticket sales and visitor insights.
- Link: <https://github.com/smartinternz02/SI-GuidedProject-612456-1699198599>

### Zomato Sales Performance Dashboard

Python , SQL , Power BI , DAX , Power Query

Jan 2025

- Designed an interactive Power BI dashboard to analyse city-level sales performance, customer trends and order insights
- Provided insights into gained/lost customers,user demographics and performance metrics
- Created data model and visualization to track revenue trends,order volume,retention rates and location based demand patterns.
- Link : [https://app.powerbi.com/links/odXuJuQhUE?ctid=09bd1956-edda-4e9a-9543-7c7aa2cf4e81&pbi\\_source=linkShare](https://app.powerbi.com/links/odXuJuQhUE?ctid=09bd1956-edda-4e9a-9543-7c7aa2cf4e81&pbi_source=linkShare)

## Experience

### The PreProd Corp

Nov 2023 – May 2024

Data Analyst Intern

- Engineered a Data and ML pipeline to predict food demand from restaurant data processing 100K data samples and reaching RMSE of 63.
- Implemented Kafka messaging queue for real-time data streaming from inventory systems, processing 900k rows in 2-second batches of 100k.
- Defined machine learning models to predict food demand, employing traditional regression, time series models such as LSTM, and MongoDB for storing unstructured data.
- Developed and launched the 1<sup>st</sup> e-commerce website for a startup client using Odoo web hosting, enhancing online presence and sales capabilities.

## Leadership / Extracurricular

- Achieved top honors as the 1st place winner in a command-level Quiz competition conducted by the Indian Air Force.
- Enjoys listening to music and engaging in strategic thinking through chess.
- Passionate about singing , often performing in personal and group settings.