Rishabh Sharma

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https://github.com/rishabh301

Education

VIT Bhopal University	**May 2021 - Ongoing**

Bachelor of Technology in Computer Science
CGPA– 8.88

K.V. No 1 AFS Agra	**May 2021**

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

K.V. No 1 AFS Agra	**May 2019**

Secondary Certificate Examination (Class X)
Percentage – 87.2 %

Projects

Food Demand Forecasting *SQL,* Kafka,PowerBI,Mlflow,DVC	**Oct 2023**

- 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

Ticket guru - Chatbot ticketing system *RAG, python,flask,Twilio,ML*	**July 2024**

- Created a multilingual chatbot ticketing system for museums with cross-platform access (Web & WhatsApp)
- Integrated AI-powered, context-aware responses and an analytics dashboard for museum executives
- Ensured secure payments, accessibility, and seamless digital ticketing for diverse audiences.
- Link: https://github.com/rishabh301/SIH-Gryffindor

Zomato Sales Performance Dashboard *Python,SQL,Power BI,DAX,Power Query*	**Dec 2024**

- Designed an interactice Power BI dashboard to analyse city-level sales performace, 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

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 1st e-commerce website for a startup client using Odoo web hosting, enhancing online presence and sales capabilities.

Technical Skills

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

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); HTML, CSS & JS (Coursera, Jan 2023)

Leadership / Extracurricular

- Achieved top honors as the 1st place winner in a command-level Quiz competition conducted by the Indian Air Force.
- Engaged in Flipkart Grid 4.0 and 5.0, showcasing strong engagement and collaboration skills.
- Actively Co-ordinated at the Defence Warriors Club at VITB.