

Ishan Hirani

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EDUCATION

IIT Jodhpur

Post Graduation Certification – AI&ML (12 credits)

October 24 – December 24

Gondwana University

Bachelors of Engineering in Computer Science

August 2017 – May 2021

10 CGPA

SKILLS SUMMARY

- Language:** C, C++, HTML, CSS, JavaScript, SQL, Python
- Frameworks:** Pandas, NumPy, Scikit-learn, Matplotlib, Flask, Tkinter
- Databases:** MySQL, PostgreSQL, Snowflake, Denodo, SQL Data Warehouse
- Other Tools:** Git, Azure Board, JIRA, ALM, Postman, JMeter, Cucumber with WebDriverIO
- Soft Skills:** Problem-Solving, Communication, Teamwork, Critical Thinking, Business Acumen

WORK EXPERIENCE

Packaged Application Development Analyst | Accenture

October 21 – Current

- Actively participated in 50+ Agile ceremonies, including sprint planning, daily stand-ups, and retrospectives, to adapt strategies in alignment with evolving project requirements and Utilized Azure Board for efficiently managing to ensure timely project delivery.
- Conducted comprehensive ETL and integration testing by verifying data transformation and consistency from source to consumption domain ensuring seamless data flow across systems like Veeva Vault and various Databases to get unified data view.
- Designed and executed SQL queries to validate data integrity and accuracy based on business mapping requirements.
- Executed Automation, API, and Performance Testing on a web-based application, effectively identifying and resolving critical bottlenecks, leading to enhanced application performance, reduced response times, and improved user experience.
- Collaborated with cross-functional teams, including developers, business analysts to resolve data discrepancies.

PROJECTS

Healthcare Recommendation System | Python, Scikit-learn, Flask, Pandas, Html, CSS, JavaScript, pickle - [LINK](#)

- Developed an end-to-end web-based healthcare recommendation system using Flask and machine learning algorithms (SVC, Random Forest, Naive Bayes, K-Nearest Neighbors, Gradient Boosting) based on Kaggle dataset, exhibiting expertise in feature engineering, model training, hyperparameter tuning and model evaluation.
- Achieved 100% accuracy in predicting prognosis based on user-inputted symptoms, and provided personalized recommendations for medications, precautions, diet, and workout routines.

Customer Purchase Prediction | Python, Pandas, Matplotlib, scikit-learn - [LINK](#)

- Developed a predictive model using Logistic Regression to forecast customer purchasing behavior.
- Conducted in-depth Exploratory Data Analysis (EDA) involving data visualization and statistical analysis to uncover key factors influencing customer purchasing decisions and Implemented data preprocessing techniques such as label encoding, standardization and train-test splitting to prepare the data for model training.
- Evaluated the model's performance using a confusion matrix, achieving 90% accuracy, and identified areas for improvement.

Retail Management Application | Python, SQL, Tkinter, MySQL - [LINK](#)

- Developed a GUI based application consisting of user registration, login and billing windows that integrates with MySQL to manage customer and product data, executing queries for data storage, retrieval, and billing operations.
- Implemented robust data handling processes, including: Data Normalization, CRUD Operations and Data Validation and Verifications, leading to 35% improvement in query execution times for Aggregate function results and Analysis.

AWARDS AND ACHIEVEMENTS

- GATE Exam 2024 Qualified - 85.23%ile
- Accenture Growth Catalyst Award
- Solved Leetcode's Top 50 SQL problems
- All India powerlifting championship (silver medal)

CERTIFICATIONS

- Microsoft Azure Cloud Certifications: - AZ-900, AI-900, DP-900
- Udemy: - SQL Masterclass for data analytics