

# Shreedhar Sanjay Jagatap

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## Skills

**Languages:** C, Python, SQL

**Technologies & Tools:** Advance Excel, PowerBI, MySQL, Machine Learning, Deep Learning, NLP, LLM's, LangChain, Statistical Analysis, Mathamatics, Flask.

## Work Experience

**Altizon, Pune**

Jun 2023 – Sep 2023

**Data Science (INTERN)**

- Conducted extensive data preprocessing, including data cleaning, normalization, and feature engineering.
- Performed rigorous data analysis and visualization using Pandas, NumPy, Matplotlib and Seaborn. Utilized Python and key ML libraries such as TensorFlow, Keras, and Scikit-learn for various regression and classification, ANN, CNN and RNN model building.
- Performed hyperparameter tuning, cross-validation, and model optimization to enhance performance.
- Collaborated with cross-functional teams to align models with business needs and objectives
- Maintained Data Pipeline and ETL Processes.

**Mentorness, Gujarat**

May 2024 – July 2024

**Data Analytics (INTERN)**

- Involved in collecting, analyzing, and interpreting data to help organizations make decision.
- Performed EDA (Exploratory Data Analysis) using Excel, SQL, Python, Power BI.
- Utilized MS Power Point and Word for report building

## Education

**VTU Karnataka**

Dec 2020 - May 2024

B.E. in Computer Science and Engineering

**CGPA: 8.84/10**

Relevant Coursework: Object Oriented Programming(OOP's), Database Management System, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Cloud Computing, Artificial Intelligence and Machine Learning, Big Data Analytics, Internet Of Things, Unix/Linux Programming

## Project Work

- **Amazon Products Recommendation Engine (Mar 2024):** Implemented Amazon product recommendation engine utilizing both item-based and user-based collaborative filtering, increasing recommendation accuracy by 25%. Enhanced user experience by providing personalized product suggestions, boosting user engagement by 30%. Implemented algorithms to improve efficiency, reducing computation time by 20%.
- **Fassos Data Analysis Using SQL (Mar 2024):** Created dummy dataset by thinking of real world scenario. Conducted data cleaning, Preprocessing and then performed Analysis using SQL. Analyze order patterns to optimize delivery schedules and staffing around 10% and Optimize ingredient usage to reduce waste and operational costs 50%.
- **TMDB Movie Recommendation System (Apr 2024):** Designed TMDB movie recommendation system using content-based approach to suggest personalized movie options. Designed user-friendly web interface with Streamlit framework. Deployed application on Render.com for robust accessibility and performance.
- **Anomaly Detection (Dec 2023):** Engineered anomaly detection system using CNN and LSTM to identify unusual activities such as accidents and robberies, and to automatically alert emergency services. Achieved detection accuracy of 92%, significantly improving response times. Enhanced system efficiency by 15%.
- **Spam Message Filtering (Oct 2023):** Built and Deployed High-Precision Spam Detection Model. Applied all supervised machine learning classification algorithms and ensemble techniques to get better model. Minimized false positives by 90% through rigorous feature engineering and hyperparameter tuning processes with 98% accuracy and 100% precision score in spam detection.
- **Bank Loan Analysis Dashboard (Nov 2023):** Created dynamic and user-friendly PowerBI dashboard to provide detailed insights into loan data, borrower profiles, and loan performance metrics. Dashboard integrates various visualizations and interactive elements to facilitate comprehensive data analysis. Supporting informed decision-making and improving the overall loan management process by 50%.

## Awards and Certificates

- Google Data Analytics Specialization (Coursera)
- Data Science And Machine Learning Specialization (Campus-X)