

Yashwant Singh

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SKILLS

- **Programming Languages** : C++, Java, Python, R, SQL
- **Frameworks** : Pandas, NumPy, Scikit-learn, TensorFlow, Keras
- **Tools and Libraries** : Jupyter, Tableau, Matplotlib, Seaborn, Git, Hadoop, Spark, AWS
- **Soft Skills** : Problem-Solving, Communication, Cross-functional Collaboration, Project Management, Adaptability, Detail Attention

PROJECTS

Sales and Customer Analytics Dashboard

Oct 2024

Tableau Dashboard Project | Built an interactive Tableau dashboard to present key KPIs for Retail Sales and Customer Insights

- **Visualized** Total Sales, Profit, and Quantity Sold using **Dual Line Charts**, having low and high indicators for trend analysis.
- Created Sales and Profit by Subcategory with **Bar Charts**, Sales & Profit Trends using **Step Line Charts** to observe business performance over time
- Designed **Customer Insights** Dashboard to display Total Orders, Top Customers by Profit, and Customer Distribution using interactive filters.
- Enables seamless **navigation** between Sales and Customer dashboards and **filters** for use convenience.
- Published the dashboard on **Tableau Public** and facilitated live interaction

Placement Prediction Model

Aug 2024

Machine Learning Prediction System | Developed a Python-based ML model to predict student placements using IQ and CGPA.

- Conducted Preprocessing, EDA, and Feature Selection to clean and analyze the data in **Google Collab**.
- Preprocessed the dataset with **Pandas** for cleaning and handled feature scaling
- Extracted features and target variables, splitting data into **training** and **testing** sets with **Scikit-learn's** train-test split.
- Scaled input features using **StandardScaler** for better model performance
- Implemented **Logistic Regression** for binary classification, training the model on the processed data.
- Deployed the model using **Pickle** for real-time placement predictions.

Chat Application

Dec 2023

Java Swing & Socket Programming | Developed a real-time chat application using Java Swing for the user interface and Socket Programming for network communication

- Designed an intuitive user interface using Java Swing components for seamless user interactions.
- Utilized Socket Programming to establish server-client communication for real-time message exchange.
- Implemented multi-threading to handle multiple users concurrently in a group chat environment.
- Enhanced chat functionality with features like message broadcasting and user connection status.
- Ensured efficient data transfer and responsiveness using optimized socket connections.

CERTIFICATES

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| • Data Science: Foundations using R | May 2024 |
| • Data Visualization with Tableau Project | April 2024 |
| • IBM Cloud Essential | Nov 2023 |
| • Excel Fundamentals for Data Analysis | Nov 2023 |
| • Divide and Conquer, Sorting and Searching, and Randomized Algorithms | May 2023 |

ACHIEVEMENTS

5 star in Hacker Rank:

April 2024

Solved All question of C++ , Java , DBMS

One among top 20% students at University:

oct 2024

For good academic performance and extracurricular activities at University.

EDUCATION

Lovely Professional University

Punjab, India

Bachelor of Technology - Computer Science and Engineering

Since July 2022

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Analytical Skills, Virtualization and Cloud Computing, Soft Skills

Government Polytechnic Ranchi

Ranchi, Jharkhand

Diploma - Computer Science and Engineering

July 2019 - June 2020

Army Public School Ranchi

Ranchi, Jharkhand

Matriculation

April 2018 - April 2019