Vishal Tyagi

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SKILLS

Languages	Python (NumPy, Pandas, Matplotlib, Seaborn), SQL
Tools	MYSQL, HTML, CSS, Git.
Platforms	Windows.

WORK EXPERIENCE

- **Internship**

  Python for Data Science, Noida   *June 2023 - Dec 2023*
  - Proficient in Python for data analysis, utilizing Pandas, NumPy, and Scikit-learn, with a focus on insightful data visualizations using Matplotlib and Seaborn.
  - Applied statistical techniques to extract meaningful insights from diverse datasets, contributing to informed business strategies.
  - Developed and implemented machine learning models for predictive analysis, optimizing performance and validating results through cross-validation.
  - Collaborated with cross-functional teams, presented data-driven insights, and completed impactful projects, showcasing problem-solving skills and continuous learning in data science.

- **Jobs**

  Operations Executive (FARELABS)   *Sept 2023 - Present*
  - Developed and delivered comprehensive reports to management.
  - Ensured compliance with industry regulations and internal policies, conducting regular audits to maintain high standards of operational integrity.
  - Utilized tools to monitor and evaluate operational performance.
  - Led a high-performing team, meeting and exceeding key performance indicators consistently.

PROJECTS

- **Food Delivery Page**   *April 2022 - August 2022*
  - Created an eye-catching and responsive front-end template for a food delivery service.
  - Developed the user interface using HTML and CSS to showcase various dishes offered by the restaurant.
  - **Tools**: HTML, CSS, Visual Studio Code.

- **Bank Management System**   *March 2023 - June 2023*
  - Developed a secure Bank Management System, enabling users to create accounts with essential details like username, opening balance, and pin number.
  - Implemented robust input validation, ensuring data integrity and a seamless user experience during account creation.
  - Designed an intuitive user interface for seamless account creation, combining functionality with a professional appearance.
  - **Tools**: Visual Studio Code, HTML, CSS.

- **Performing EDA on Zomato Dataset**   *Sept 2023 − Nov 2023*
  - Conducted Exploratory Data Analysis (EDA) on the Zomato dataset, utilizing statistical and visualization techniques to derive actionable insights into restaurant trends, customer preferences, and market dynamics.
  - Employed data cleaning and preprocessing methodologies to ensure the integrity of the Zomato dataset, contributing to accurate and reliable analytical results.
  - Utilized Python programming and data manipulation libraries to streamline the EDA process, enhancing efficiency and allowing for deeper insights into the dataset.
  - **Tools**: Jupiter, Python libraries (NumPy, Pandas, Matplotlib, Seaborn), Excel.

- **Music Recommendation Based on Face Emotion Recognition**   *March 2023 - August 2023*
  - Spearheaded a Machine Learning project focused on Music Recommendation through Face Emotion Recognition, utilizing computer vision techniques to analyze facial expressions and infer emotional states.
  - Integrated facial emotion recognition algorithms with existing music recommendation models, creating a seamless and innovative user experience.
  - Implemented Python and relevant libraries for both computer vision and machine learning components, optimizing system performance and accuracy.
  - Engineered a robust recommendation system that dynamically tailors music playlists based on real-time facial emotions, enhancing user engagement and personalization.
  - **Tools**: Python, Jupyter notebook.

ACHIEVEMENTS

- Python 3 star by hacker rank
- HTML, CSS (Great Learning, Udemy)
- Secretary of AAROHAN- THE COMPUTER SOCIETY (College Society)
- Discipline In charge of ABHIRUCHI- THE HOBBY CLUB (College Society)
- Volleyball Player at State Level
- Badminton player at zonal level

EDUCATION

- **Raja Balwant Singh Engineering Technical Campus**   Agra, India
  Bachelor of Technology - Computer Science and Engineering - 70.2%   *August 2019 - June 2023*
- **Dr. Karan Singh Inter College (UP Board)**   Agra, India
  CLASS XII – 70%   *July 2018 - May 2019*
- **Dr. Karan Singh Inter College (UP Board)**   Agra, India
  CLASS X - 84%   *July 2016 - May 2017*