Aashish Waghmare

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EDUCATION

IIT Jodhpur
B.Tech. in Mechanical Engineering *2024*

Narayana Junior College
Intermediate *2020*

Vignan's Prabodhananda Prashanti Niketan
Matriculation *2018*

POSITION OF RESPONSIBILITY

Festival Chief **IIT Jodhpur**
Varchas'22 *Jul. 2021 – May 2022*

- Spearheaded a dynamic team of **30 Team Leads**, orchestrating their efforts to flawlessly execute the institute's annual inter-college sports fest-**VARCHAS**.
- Drew a staggering **footfall of over 5000** enthusiastic students, concentrating the northern part of the country.
- Masterfully managed a substantial **budget of 5 million rupees**, strategically allocating resources to ensure the event's success, maximizing the impact and experience for participants, sponsors, and stakeholders alike.

TECHNICAL SKILLS

Programming Languages: Python, C++, R, SQL
Libraries and Tools: Sklearn, Pandas, Numpy, Matplotlib,BeautifulSoup, Plotly, Git
Web Development: Flask, MongoDB, PostgreSQL, CSS, HTML5, Postman
Others and Familiar Tools: Selenium, Power BI, LaTeX, Solidworks, Google-Suite

PROJECTS

Apple-To-Spotify Converter GitHub
Python Back-end Project

- Developing a web application using **Python** and **Beautiful Soup** for efficient web scraping of song data from Apple Music playlists, ensuring seamless extraction of track information from diverse playlist formats.
- Integrated the Spotify API within the application to dynamically search for and organize the extracted songs into corresponding Spotify playlists, employing robust error handling mechanisms to address any mismatches or discrepancies between the two platforms.
- **Tools & technologies used**: Python (Flask), Web-Scrapping, API-Integration

Toxic Comment Classifier GitHub
Machine Learning Project

- Analyzed and implemented Machine Learning Classifiers like **Multinomial Naive Bayes, Logistic Regression, XGBoost, Linear SVC** to classify the toxic comments for a given post.
- An accuracy of **94.82%** is obtained by **Linear SVC**. For these models, along with accuracy, measures like precision, recall, and F1-score were compared.
- **Tools & technologies used**: Pandas, Numpy, Matplotlib, Seaborn, Sklearn, Pickle, NLTK

Sorting Visualizer GitHub
Self-Learning Project

- Web-based application developed, providing a visual representation of various sorting algorithms.
- It allows users to select and visualize popular sorting algorithms like Bubble Sort, Insertion Sort, Merge Sort, etc. for a user-generated random array of a selected size.
- **Tools & technologies used:** JavaScript, HTML, CSS

Exploratory Data Analysis GitHub — GitHub
Data Visualization Project

- Conducted comprehensive **Exploratory Data Analysis (EDA)** on **WHO** suicide data and COVID-19 vaccines.
- Cleaned and processed relevant datasets related to suicides for statistical analysis and provided actionable insights and recommendations based on the findings of the suicide data analysis.
- **Tools & technologies used:** Python, Seaborn, Data Visualization, Pandas