Kunal Pal

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Education

Marwari Vidyalaya High School Mumbai   **2015 - 2018**
SSC   *79%*

Wilson College Mumbai   **2018 - 2020**
HSC PCM   *71.54%*

Vivekanand Education Society Institute of Technology   **2021 - 2025**
Bachelor of Engineering in Information Technology & Hons.in Data Science   *8.46/10 CGPA**

Projects

MovieMate : Smart Movie Selector 🔗

- **Created** a movie recommender system with **93%** accuracy using a dataset of **5,000** movies, providing personalized suggestions with movie names and posters.
- **Utilized** NLP and vectorization techniques.
- **Integrated** TMDB API to fetch and display movie details.
- **Tech Stack:** Python, NumPy, pandas, NLTK, scikit-learn, Streamlit, requests, TMDB API.

Newsify - A News Search Application 🔗

- **Developed** a web application for users to search and view the latest news articles on sports, finance, politics, and technology.
- **Features**: search bar for user queries, **dynamic navigation** to filter news by categories, and **real-time fetching** and display of news articles using the NewsAPI.
- **Tech Stack**: HTML, CSS, JavaScript, NewsAPI.

BookSage : Intelligent Book Recommender System 🔗

- **Developed** a book recommendation system with high accuracy, leveraging a dataset of over **1 million** books. The system showcases the top **50** books based on ratings and votes and provides **personalized book suggestions** with titles and covers based on user input.
- **Transformed** data from **1 million** rows to **55,000 rows**.
- **Performed** data cleaning, **utilized** cosine similarity for recommendations, and **integrated Flask** for the backend and **Bootstrap** for the frontend.
- Tech Stack: HTML, CSS, Bootstrap, Python, NumPy, Pandas, scikit-learn, Flask, Jupyter Notebook, pickle.

Technical Skills

Languages : C++ , C , JavaScript , python
Frontend : HTML , CSS , ReactJs , Tailwind CSS , Streamlit , Flask
Backend : Node js , Express js
Databases : Mysql , MongoDB
Tools : Postman , Figma , Git , GitHub , Tableau , VS Code

Achievement

- Solved **125+** DSA problems on **Codestudio**, building problem solving skills. 🔗
- Solved **110+** coding Question on GeeksforGeeks 🔗
- **Awarded** a certificate for demonstrating competence in the completion of the **"Workshop/Fundamentals of Deep Learning"**. 🔗

Extra-Curricular Activities

Aarna Foundation 🔗   **July 2023 – August 2023**

- **Volunteered 4** hours weekly for a month at Aarna Foundation orphan kids
- Also **performed** other activities such as cleaning premises, distributed books and toys.