

KUNAL PAL

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Education

Marwari Vidyalaya High School Mumbai SSC	2015 - 2018 79%
Wilson College Mumbai HSC PCM	2018 - 2020 71.54%
Vivekanand Education Society Institute of Technology Bachelor of Engineering in Information Technology & Hons.in Data Science	2021 - 2025 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 , Java
Frontend : HTML , CSS , React.js , Tailwind CSS , Streamlit , Flask
Backend : Node.js , Express.js
Databases : Mysql , MongoDB
Tools : Postman , Figma , Git , GitHub , Tableau , VS Code

Achievement

- Solved **135+** DSA problems on **Codestudio**, building problem solving skills.
- Solved **160+** coding Question on GeeksforGeeks
- Awarded** a certificate for demonstrating competence in the completion of the "Workshop/Fundamentals of Deep Learning"
- Google Cloud

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.