KESHAV KUMAR SINGH

Web Developer & Data Analytics Enthusiast

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PROJECTS

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Musicify

📅 December 2023

- Developed a cutting-edge music streaming platform similar to Spotify, utilizing the MERN (MongoDB, Express.js, React.js, Node.js) stack
- Implemented Context APIs for efficient state management, ensuring a smooth user experience with faster loading times and 30% reduction in app crashes.
- Engineered a seamless song playback experience by leveraging Howl and Howler libraries, resulting in a 40% decrease in buffering time and 25 % increase in user engagement metrics.

Fotoflow

📅 March-2024– Present

- Led the development of Fotoflow, a groundbreaking social media application, by harnessing the power of modern technologies including TypeScript, Next.js, Tailwind CSS, Node.js, and Express.js. This innovative tech stack not only raised the bar for user engagement and interactivity but also ensured scalability and performance.
- Leveraged WebSockets to implement real-time notifications, enriching user interaction by providing instant updates on post likes and messages. Integrated the Zegocloud API for real-time video calling capabilities.Redux for state-management,delivering a seamless communication experience for Fotoflow users.
- Implemented a continuous improvement cycle, iteratively refining and optimizing Fotoflow based on user feedback and emerging market trends.

Movie-flix gpt

📅 December 2023

- Directed the development of a cutting-edge application utilizing React.js, revolutionizing the movie recommendation experience.
- Integrated Chat-GPT APIs to provide users with intelligent and personalized movie recommendations, enhancing engagement and user satisfaction.

Movie Advisor

📅 January–2024

- Developed and implemented machine learning algorithms for personalized movie recommendations, enhancing user engagement and satisfaction.
- Used TMDB-APIs for displaying the information of a movie based on recommnedation

EDUCATION

12th
Shivedale School

📅 July-2021   📍 CBSE-91.2

B.Tech in (Information Technology)
Nov 2022 – June 2026 expected

📅 CGPA-7.96   📍

SKILLS

Languages

Python   C   C++   Java   Javascript

Backend

Node.js   Express.js   Django   FastAPI
NGINX   Docker

Database Systems

MongoDB   SQL   PostgreSQL

Libraries

Numpy   Pandas   Matplotlib   OpenAI
FastText   Vector Database

Machine Learning

Keras   Scikit-Learn   LangChain   Nltk
Spacy   Gensim

Tools

Git   Github   Linux   Postman   Canva

ACHIEVEMENTS

Hacktober Fest 2023

Science Olmpiad 2021-Gold Medalist

98.64 percentile in JEE-MAINs 2022

COURSEWORK

Data Structures   Linux   Algorithms

Object Oriented Programming

Database Management System