AI-Powered Movie Recommendation System – A Full-Stack Web Application

Description:

The **AI-Powered Movie Recommendation System** is an advanced **full-stack web application** that enhances user experience by generating **personalized movie recommendations based on recent trends and user preferences** using the **OpenAI API**. Built with **React.js** for the frontend and **Node.js** for the backend, it integrates **JavaScript, HTML, and CSS** to deliver a seamless and responsive interface.

Key Features:

- **AI-Driven Movie Suggestions**: Utilizes the **OpenAI API** to generate **personalized recommendations based on recent trends, genre preferences, and user input**.
- **Real-Time Search & Dynamic Data**: Allows users to search for movies while fetching up-to-date details, ratings, and descriptions.
- **Trending Movie Insights**: Suggests the latest and most popular movies based on current industry trends, ensuring fresh and relevant recommendations.
- **Interactive Frontend with React.js**: Ensures a modern and intuitive user experience with smooth navigation and interactive UI components.
- **Efficient Backend with Node.js**: Manages API requests efficiently, ensuring quick response times and seamless data handling.
- **Responsive & Optimized Design**: Built to perform efficiently across different devices, providing a smooth viewing experience.
- **Enhanced User Engagement**: Uses AI-powered insights to improve recommendation accuracy, making movie discovery more interactive and engaging.