Sajjala siddardha

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Academic / Technical Projects

Project Title: Watch Wave (Netflix Clone)
 Description:

 Developed a responsive web application that replicates the core features of Netflix, allowing users to browse and stream movie content through an interactive interface. The project demonstrates strong front-end design and backend integration skills using Firebase for authentication and data storage.

Tech Stack:

 HTML, CSS, JavaScript, Firebase

Project Title: Movie List Interface
Description:

 Built an interactive movie listing interface that allows users to **search for movies**, **view ratings**, and access detailed **movie information**. Designed the interface entirely using **HTML, CSS, and JavaScript**, focusing on responsiveness and smooth user experience.

Tech Stack:

 HTML, CSS, JavaScript, Firebase

Project Title: Movie Recommendation System
Description:

 Developed a machine learning-based recommendation system that suggests similar movies to users based on content similarity. The model analyses movie features such as genre, keywords, cast, and description to generate personalized recommendations. Content-Based Filtering using Cosine Similarity

Tech Stack:

 Python, Pandas, Scikit-learn, NumPy

Career Objective

Aspiring AI/ML specialist skilled in developing intelligent conversational agents using **Generative AI**. Proficient in **Machine Learning, Deep Learning**, and **full-stack development** with **Java, Python, HTML, CSS, and JavaScript**. Experienced in building scalable solutions integrating **Spring Boot** services and **React/Angular** interfaces. Seeking to leverage AI expertise to create innovative solutions that enhance automation and efficiency.

Education

Bachelor of Technology (B.Tech) – Artificial Intelligence and Machine Learning | 2023–2026
Sagi Rama Krishnam Raju Engineering College, Bhimavaram, AP

- Relevant Coursework: Machine Learning, Deep Learning, NLP, Data Structures & Algorithms, Database Management, Software Engineering, Java Programming
- Projects/Assignments: Developed a **sentiment analysis model** using NLP to analyse social media data.Created a **movie recommendation system** using collaborative filtering algorithms .Implemented **image classification** using Convolutional Neural Networks (CNNs) Tools & Technologies: Python, TensorFlow, Keras, Java, SQL, OpenAI API, Git

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Technical skills

Languages: Python, C, Java, Go, R Studios

AI/ML: Machine Learning, Deep Learning, NLP

Web & Tools: HTML, CSS, JavaScript, Firebase

Experience

Student Intern – Blackbuck |(1Month)

Developed a content-based Movie Recommendation System to suggest similar movies using Python, TF-IDF vectorization, and Cosine Similarity. Built intelligent conversational agents using Generative AI technologies like ChatGPT. Designed and fine-tuned language models to enhance automation in data processing. Engineered scalable full-stack solutions integrating Spring Boot services and React/Angular interfaces. Collaborated with cross-functional teams for deploying AI models and APIs.Led a team project, delegated tasks, and ensured timely completion of deliverables.

AI/ML Virtual Intern – Google | (On going)

Completed a hands-on AI & Machine Learning internship through Google, gaining practical experience in building and evaluating models. Worked on projects including **sentiment analysis**, **image classification**, and a **movie recommendation system** using **Python, Scikit-learn, TensorFlow, and Keras**. Applied techniques such as **feature engineering, model optimization, and data visualization** to solve real-world problems.