

Shreyas Singh

Gen AI Engineer | Full Stack Developer

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GitHub | LinkedIn | LeetCode

Summary

Final-year Artificial Intelligence & Data Science student with hands-on experience in Machine Learning and full-stack development. Skilled in Python, ReactJS, NodeJS, and MongoDB, with an interest in building and deploying AI-powered applications. Strong foundation in DSA, AI, and Machine Learning with a focus on developing practical end-to-end projects.

Education

B.Tech – Artificial Intelligence & Data Science

2023 – 2027

Sandip Institute of Technology and Research Centre (SITRC)

GPA: 7.13

Relevant Coursework: Java, Data Structures, Algorithms, Operating Systems, DBMS

12th Grade – Science Stream

Mar 2023

Chhatrapati Shivaji Junior College

Percentage: 77.83%

10th Grade

Mar 2021

Orion CBSE English Medium School

Percentage: 76.6%

Technical Skills

Machine Learning & AI

Python NumPy Pandas NLP LLMs Deep Learning ML

Data

Pandas NumPy SQL Data Preprocessing AWS

Full-Stack Development

ReactJS JavaScript NodeJS MongoDB

Tools

Git GitHub Amazon AWS

Projects

Movie Recommendation System

Python | NLP | Streamlit

- Built an NLP-based movie recommendation system that recommends similar movies based on movie metadata such as genres, keywords, cast, and overview.

- Performed text preprocessing and feature engineering, then converted combined textual features into numerical vectors using CountVectorizer.
- Used cosine similarity to calculate similarity between movies and generate the top recommendations for a selected movie.
- Developed an interactive Streamlit interface for movie selection and real-time recommendation results.

Certifications

- AWS cloud practitioner essentials
- Tutedude GenAI (Upcoming)