PRINCE SIKOTRA

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Ahmedabad, Gujarat - 382418

COMPUTER ENGINEER

I am a Computer Engineering student specializing in Artificial Intelligence with experience in developing machine learning solutions, including model building, data preprocessing, and evaluation. Skilled in Python, Scikit-Learn, Pandas, and visualization tools like Matplotlib and Seaborn, supported by certifications in emerging technologies under SAP's Code Unnati Program. I enjoy solving real-world problems using data-driven approaches and continuously improving my technical expertise in AI and ML.

TECHNICAL SKILLS

Programming Languages : Python , Java (Basic) , SQL

Python Libraries & Frameworks: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Transformers, PyTorch, FastAPI

Machine Learning & AI: Scikit-Learn, Supervised & Unsupervised Learning, Deep learning, Neural Networks, Natural Language Processing, Prompt Engineering

DevOps Tools: Docker

Tools & IDEs : Jupyter Notebook, Kaggle , Anaconda, Github, Google Collab

EDUCATION

Institute of Advanced Research, Gandhinagar (2022 - Present)
Bachelor of Technology in Computer Engineering (Artificial Intelligence) - (7.84 CGPA)

Seventh-Day Adventist, Ahmedabad (2022)
Higher Secondary Certificate (12th Standard) - (87.42 %)

PROJECT WORK

1. Assessly – PDF to Quiz Generator

Developed an AI-driven application that converts PDF documents into automatically generated quizzes to support efficient learning and assessment. Implemented OpenAI GPT model for content analysis and question generation, with a streamlined web interface for real-time interaction.
Technologies Used: Python, FastAPI, Streamlit, LLM, PyPDF2, python-docx

2.Phone Addiction Level Predictor

Developed a deep-learning based MLP model using PyTorch to analyze user behavior patterns and predict phone addiction levels, with an interactive Streamlit interface for real-time classification.
Technologies Used: PyTorch, Python, Streamlit, Scikit-Learn, Pandas, NumPy

3.Content-Based Movie Recommendation System

Built a machine learning model to recommend movies based on their content using the TMDb dataset. Preprocessed data, performed feature engineering on textual and categorical features (overview,cast, crew genres) , and applied TF-IDF vectorization with cosine similarity to generate accurate recommendations.
Technologies Used: Python, scikit-learn, pandas, NumPy, Matplotlib, scikit-learn, NLTK.

ADDITIONAL INFORMATION

Languages   : English, Gujarati, Hindi

Certifications : *SAP Code Unnati's* Advance Course (2024–2025)
Supervised Machine Learning: Regression and Classification (Coursera)