RESUME

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CAREER OBJECTIVE

To obtain a challenging position where I can leverage my knowledge of previous experiences and programming languages such as Python, Java to assist in the development and implementation of ML models, Databases and to gain hands-on experience in data collection, preprocessing, and analysis

PROJECTS

Project 1 : Emotion Detection in Text Using NLP

Developed an AI-powered system for detecting emotions in text using NLP techniques. Utilized deep learning models, to classify emotions and analyze sentiment. Preprocessed text data, extracted features, and trained models to accurately identify emotional tones in textual inputs.

Project 2 : Drug Discovery Using Digital Image Processing

Developed a drug detection model using Digital Image Processing (DIP) with Django and HTML. Implemented image preprocessing techniques to enhance features and applied machine learning or deep learning models for drug identification. Integrated the system into a web-based platform for efficient detection and analysis.

Project 3: Prescription Reading And Alternated Medicines Prediction Using OCR For Medical Store

Developed a Python-based application to assist medical store staff in digitizing prescriptions and identifying substitute medicines. The system uses Tesseract OCR to extract medicine names from handwritten or printed prescriptions. It applies NLP concepts, such as TP-IDF Vectorization with cosine similarity, to compare them with a medicine database and suggest possible alternatives. It also includes a user-friendly interface built with Tkinter and it is integrated with Google Cloud.

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL.
Visualization Tools: EXCEL, Tableau, Matplotlib
Databases: Oracle, MySQL.
Operating Systems and Web Technologies: Windows, Unix, Linux, HTML, Javascript, CSS.
Additional Tools: Google Colab, Jupyter.
Libraries: Numpy, Pandas, Scikit-learn, TensorFlow, NLTK, Matplotlib, Tkinter.

EDUCATION

B. Tech in Artificial Intelligence AUG2022
Mahindra University, Hyderabad, India