P SUMANTH

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Summary

A dedicated and detail-oriented Data Science professional with 1 year of hands-on experience in the development and implementation of data-driven solutions. Proficient in machine learning, deep learning, natural language processing (NLP), and Python development. Skilled in building real-time projects, data analytics, and AI-driven applications. Passionate about leveraging technical expertise to solve complex business problems and deliver impactful results.

Skills

Python - Data Wrangling and Cleaning - Data Analysis - Data Visualization Exploratory Data Analysis (EDA) - Machine Learning -Data Engineering - Time series - SQL - Model Deployment and Monitoring - Natural Language Processing - Deep learning - Generative AI

Work Experience

Next24Technology *(website)*   *July,2024–Aug,2024*

1. Built a Tweet Sentiment Analysis model using NLP.(link)

2. Developed a House Price Prediction model with regression ML Model.(link)

3. Created an E-Commerce Recommendation System for personalized product suggestions.(link)

Skills: Python, Machine Learning Algorithms, Natural Language Processing.

Project Experience

Conversational ChatBot *(ChatBot)*
- Developed a generative chatbot model by integrating Google's and Meta's models via API. Built a conversational chatbot with features such as **Chat with CSV, Chat with PDF, and Chat with URL using Retrieval-Augmented Generation (RAG)** techniques.
- Technologies used: Python, Langchain, Togetherai, Streamlit, Fassis.
- Key Feature: Built a conversational chatbot designed to deliver optimal results.

Search Engine *(link)*
- Designed a ranking search engine leveraging Transformer models to provide accurate and relevant search results. Utilized advanced natural language processing techniques to enhance ranking efficiency and user experience.
- Technologies used: Python, NLP, Tensorflow.
- Key Features: Transformer-based ranking for precise, efficient, and scalable search results.

Education

B Tech, Computer Science and Engineering(Data Science) *JNTUA*   **Andhra Pradesh, India** *2019-2023*

- Sree Rama Engineering College, Tirupati, Andhra Pradesh/India.
- CGPA: 7.4/10.0
- Graduated: May 2023.
- Relevant Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, Artificial Intelligence, etc.