Balaji Kartheek

 GitHub | 🌐 Kaggle | 💼 Linkedin | ✉ tbalaji8822@gmail.com | 📱 +91 9390971479

WORK EXPERIENCE

Conersational AI Intern @Avaamo.ai — Jan 2024 - Present

- The integration of Gen AI models to conduct semantic similarity analysis between Platform Agent Response and expected responses.
- Testing the LLM model on Avaamo's product involved a multifaceted approach. I designed rigorous evaluation frameworks to assess the model's ability to generate responses that align with user queries and intents accurately.

Computer Vision Intern @Intel Corporation — Jun 2023 - Jul 2023

- Used Intel's optimization skills and OpenVINO toolkit for an social distance tracking using computer vision.
- Made the most of OpenVINO's improvements in deep learning models and hardware, leading to much faster processing.
- Displayed higher FPS rates on compatible hardware, showing how well optimized models and hardware speed things up.

PROJECTS

DeepFake Detection — TensorFlow, OpenCV, flask — Demo

Designed and Developed end-to-end scalable Deep Learning Project. It is a detection system trained using InceptionV3(CNN model) + GRU(Sequential model) model to classify a video as Real or Fake. Obtained the test accuracy close to 90%.

Travelzy FullStack Project — BootStrap, MongoDB, Express.js — Github

Implemented a user-friendly and intuitive search feature that allows users to filter restaurants and places based on different criteria such as cuisine type, rating, and location, enhancing their browsing experience and helping them find exactly what they're looking for more efficiently.

Amazon Product Recommendation System

Designed a Website, Deployed using streamlit, a recommender system that works on user-based similarity for various product categories in Amazon. (Scikit-Learn, ML, sentiment-analysis).

EDUCATION

Manipal Institute of Technology — Jan 2020 - present
B.tech (Data Science Engineering)   **CGPA:** 8.83/10.0

TECHNICAL SKILLS, ACHIEVEMENTS

Languages : Python, C/C++, SQL.
Frameworks : Scikit-learn, TensorFlow, Numpy, Pandas, MatplotLib, Express.js
Course Work : MATHEMATICS FOR ML/DL, Machine Learning, Deep Learning, Natural Language Processing, Artificial Intelligence, Data Structures and Algorithms, Object Oriented Programming,DBMS.
Achievements : Kaggle's Notebook Expert.