ANKITH M J

Vidya Nagar, High tension Road, Tiptur, Tumkur - 572201
+91 9148868887 ⋄ github.com/Ankithmj07 ⋄ mjankith007@gmail.com

QUICK BIO

As a passionate student, I'm eager to apply my budding engineering skills to contribute to the development and deployment phases of projects in a variety of fields. I am an Engineer by education and a programmer by passion with an experience of working well in team environments. I am currently seeking an opportunity, where I can use my skills to the fullest and further hone it.

EDUCATION

Kalpataru Institute of Technology, Tiptur — *Graduating 2024*
Computer Science Engineering — Current G.P.A: **8.30**

TECHNICAL SKILLS

Programing Languages	Python, SQL, JavaScript.
Libraries and Frameworks	Numpy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras, OpenCV, Flask
Technologies	Machine Learning, Deep Learning, Image Processing, Natural Language Processing, Data Science, Web Development, Problem-Solving, Git.
Languages	English, Kannada

PROJECTS

House-Price-Prediction Code

- This repository contains a complete end-to-end machine learning project for predicting house prices in California. The project is based on the California Housing dataset, and it involves the entire machine learning pipeline, from data exploration to model deployment.
- Here the user needs to input the location coordinates and their house preferences.
- Technologies used: Scikit-learn, Flask, Python, Git.

Criminal-Detection-System Code

- Developed a comprehensive Criminal Detection System, leveraging cutting-edge technology to remotely register and track criminals through the integration of criminal data. The system offers two distinct identification methods: manual photo input and live webcam recognition.
- This application aims to enhance law enforcement capabilities by providing an efficient and streamlined approach to criminal identification and tracking.
- Technologies used: OpenCV, Face Recognition, harcascade_frontalface.xml, Flask, Python.

Ecommerce-Site Code

- This project is a fully functional ecommerce site that brings together the best design elements from industry leaders like Apple, Amazon, and Myntra. With a sleek and intuitive user interface, this ecommerce platform provides a seamless shopping experience inspired by the giants of the online retail world.
- The core shopping functionalities, including Add to Cart, Buy Now, Checkout, Sign In, and Sign Up pages, have been designed to resemble the familiar and user-friendly layout of Amazon.
- Technologies used: HTML, CSS, Javascript, JQuery, Bootstrap, Flask, MySQL, Python, Git

Brain Tumor Classification Code

- The Brain Tumor Classification project aims to develop an advanced and accurate system for categorizing brain tumors based on medical imaging data. Leveraging the power of deep learning, this project employs state-of-the-art convolutional neural networks (CNNs) - EfficientNetB7 and VGG16 - to enhance the classification accuracy and robustness.
- Technologies used: Python, EfficientNetB7, VGG16.

Workout Monitoring System Code

- The Workout Monitoring system makes sure you perform your exercises in the right way.
- It detects the pose of your body from a camera feed and tells if you are doing it right.
- It also keeps track of the count to guide you through the whole workout effectively using OpenCV and Media Pipe.
- Technologies used: Python, Mediapipe, OpenCV, Blazepose, CNN, Flask.

REFERENCES

- **Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow by Aurélien Géron**
- **Natural Language Processing with Python by Steven Bird, Ewan Klein, Edward Loper**

INTERESTS

- **Space**
- **Travelling**
- **Cricket**

Portfolio

Visit : https://ankithmj07.github.io/Ankithmj.github.io/