KISHORE KUMAR K

- 📞 +91 81240 75301
- ✉️ Kishore22705@gmail.com
- 📍 Chennai , India

PROFILE

I'm an aspiring AI/ML Enthusiast , passionate about diving into artificial intelligence. Despite lacking professional experience, I'm dedicated to mastering programming languages and exploring AI algorithms. Eager to contribute creativity and problem-solving skills to AI/ML development!

SKILLS

- Machine Learning (ML)
- Deep Learning (DL)
- Retrieval Augmented Generation
- Image Processing
- Large Language Models (LLMs)
- Natural Language Processing
- Data Visualization
- Data Processing

TOOLS

- Pandas, Numpy
- Matplotlib, Seaborn
- TensorFlow , Keras , PyTorch , Sci-kit Learn
- PyCharm, Visual Studio Code
- Python , Jupyter Notebook
- Git
- Flask, Fast API , Streamlit

CERTIFICATIONS

- Deep Learning edX,,Online , 2023
- AI For Everyone edX, Online , 2023
- Data_Structures_Infosys_Springboard, Online , 2023
- Basics Python Infosys SpringBoard, Online , 2023

CO - CURRICULAR

- **App Development**
- **Web Development**
- **UI Design**

EXTRA CURRICULAR

- **Marketing**
- **Public Speaking**
- **Volunteering**

- https://github.com/kishore-FDI
- https://www.linkedin.com/in/KKube

EDUCATION

Degree / Certificate	Institute / Board	Year
B.E (E.C.E)	**R.M.K Engineering college**	2020 - Present
SENIOR SECONDARY	**Jain Vidyaasharam, Puzhal, Chennai**	2022
SECONDARY	**Jain Vidyaasharam, Puzhal, Chennai**	2020

PROJECTS

- **LLM FINE-TUNING :**
  In this project ,The open source model **Mistral 7B Instructed GGUF Quantized** model is fine-tuned using **PEFT**(Parameter-efficient fine-tuning) technique , **QLoRA** approach with Hugging Face
  Role : *Solo Developer*

- **PLANT DISEASE DETECTION** :
  I utilized the **YOLOv8** model, trained it on the **IP102** dataset, which is comprised of 75k pest images. The aim of this project is to aid in farmer's pest detection.
  Role : *Solo Developer*

- **AI LEGAL ASSISANT :**
  Implementation of **RAG (Retrieval Augmented Generation)** with the help of **Langchain** using models like **LLaMA2 , Mistral7Xb** and **Google's Chat-Bison** models with Indian Legal Documents
  Role : *Solo Developer*

- **LIVE LANDMINE DETECTION :**
  Done a freelance work where I developed and deployed an ML model for landmine detection using ML algorithm
  Role : *Solo Freelance Developer*

- **DATA-A-THON :**
  Led a team at the Data-A-Thon to develop a deep learning model for classifying bank data. Designed and implemented data pre-processing pipeline .
  Role : *Lead Developer*
  Event : *Data-A-Thon , Vellore Institute of Technology , Chennai*

- **HACK-OVERFLOW :**
  Led development of a plant health detection model at HackOverflow. Built pest, disease, & species system for mobile app using DL models and **RAG** , empowering farmers .
  Role : *Lead Developer*
  Event : *Hack-Overflow , Rajalakshmi Engineering College , Chennai*

- **GENERAL-QUERY APPLICATION :**
  With the **Gemini-Pro** model , I have developed a React - Native Application with a user-friendly interface
  Role : *Solo Developer*