Kenil Shah

Jr. ML Engineer

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Education

B.E. in Computer Engineering,
Silver Oak College Of Engineering And Technology
07/2018 – 05/2022
Ahmedabad, India
7.89/10 CGPA

Skills

Python
Numpy , Pandas, Scikit learn, Flask, OOPS concept, REST API

Deployment
GIT, Jenkins, ML FLow

NLP
Spacy, NLTK, Cleaning raw data, Tokenization, embeddings generator, LLM and many more.

Computer Vision
Generative Models, Object Detection, Classification, Image Processing

Deep Learning
TensorFlow, PyTorch, Keras

Machine Learning
Data collection, Data preprocessing, EDA, Feature engineering, Model training, Model evaluation, Model deployment

Deployment
Docker, Kubernetes

Databases
SQL, MongoDB

Professional Experience

Jr. ML Engineer, *Samyak Infotech Pvt Ltd*
07/2022 – present | Ahmedabad, India
- Developed **end-to-end** functionality for **Jewellery Pattern Identification** by following ML lifecycle from data collection to deployment on client server.
- **Fine-tuning** pre-trained **Multi-modal deep learning** model for business invoices to identify and extract crucial fields with deployment done using MiniKube.
- Built Face Recognition system using **YoloV8** for object detection & **EfficientNet** for feature extraction.
- Automated the process of Agent Selection & Flight Selection using **Random Forest and custom ANN.**
- Developed an application to find out similar address using pre-trained sentence transformer model.
- Implemented **RAG** architecture to extract entities from external data sources using **llama-index & GPT-4**.
- Building docker image and deployment on Azure Kubernetes Cluster (AKS) by developing CI/CD pipeline using Jenkins.

Machine Learning Intern, *Samyak Infotech Pvt. Ltd*
01/2022 – 06/2022 | Ahmedabad, India
- Worked with pre-trained **embedding models** in the project of recommendation system.
- Developed some functions to **detect text** in given image using **Pytesseract** for ongoing project.
- Worked on basic deep learning projects using **TensorFlow and PyTorch.**
- Applied transfer learning on YoloV5 model for **Mask Detection.**

Personal Projects

Cryptocoin future price prediction using LSTM.
Click here ⌨ to know more about project.

Handwritten equation solver using CNN
Click here ⌨ to know more about project.

Real-time Tank Identification.
Click here ⌨ to know more about project.

Resume Qualifier
Click here ⌨ to know more about project.

Certificates

- Advanced Computer Vision with Tensorflow
- Azure AI-900 Fundamentals (Microsoft Azure)
- Python for Data Science and Machine Learning Bootcamp(Udemy)