Kenil Shah

Jr. ML Engineer

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📍 Ahmedabad, India

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in https://www.linkedin.com/in/kenil-shah-326602195/

⌨ https://github.com/kenil22

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
Cleaning raw data, Tokenization, data preparation 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** application for **Jwellery Pattern Identification** by following ML lifecycle from data collection to deployment.
- Built Face Recognition pipeline using **YoloV8** & **Tensorflow API.**
- **Fine-tuning** pre-trained transformer model for business invoices to identify and extract crucial fields.
- Transformed the process of Agent Selection & Flight Selection using **Ensemble Technqiues** and training was done using **ML FLow**.
- **Finding similar address** using pre-trained **sentence embeddings.**
- Developing **Data Extraction API** using **llama-index** to leverage the power of **GPT-4** and optimizing the flow to **reduce the token usage** and **optimizing cost** per query.
- **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

- Applied algorithms for **recommendation system** with ML team.
- Market basket analysis with **content and collaborative filtering**.
- Worked with deployment team for deploying ML applications.
- Developed some functions for **implementation of OCR tool** to fetch and clean data from **given document**.
- Worked on basic deep learning projects using **Tensorflow and PyTorch to understand training and fine-tuning.**

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.

Certificates

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