Jainil Shah

Data Scientist

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↖ jainil-coder.github.io/Jainil-Coder **in** linkedin.com/in/jainilshah24/ **k** kaggle.com/jainilcoder

EDUCATION

Bachelor of Engineering (Information Technology)
Vidyavardhini's College of Engineering and Technology
2019 – 2023

PROFESSIONAL EXPERIENCE

Machine Learning Engineer Intern
Juppiter AI Labs
6/2022 – 10/2022 | Pune, India

BEST PERFORMER AWARD

- Worked on ML/DL on detecting, tracking, and counting objects from videos.
- Worked on model development and increased accuracy of the model to 91%.

Machine Learning Intern
Simple & Real Analytics
06/2021 – 09/2021
- Developing new projects, on Machine Learning using python, tensorflow, Deep Learning, scikit-learn, etc.
- Documenting the work and getting posted in company's website

Training & Internship program
Larsen & Toubro
07/2020 – 07/2020
- Guided by industry experts and trained on AI/ML, Six sigma, and Total Quality management.
- Completed projects on ML.

PARTICIPATION & ACHIEVEMENTS

ACHIEVEMENT – Research Paper published at International Journal of Computer Science

Participation – DATA SCIENCE WORLD CHAMPIONSHIP by Kaggle and z by HP

ACHIEVEMENT – KAGGLE EXPERT

Participation – VCET NATIONAL LEVEL HACKATHON

CO-CURRICULAR ACTIVITIES

Literati Club
Sponsorship Head
Developed and Maintained Website of VCET Hackathon.

SKILLS

Python SQL Data Science Machine Learning

NLP Data Analytics Deep Learning AWS

Power BI Tensorflow/Keras Open/CV

PROJECTS

Cargo Counting and Detection
- Detection, Counting and Tracking of rebars, coils, and sheets using Machine Learning, Computer Vision, AWS, Linux.
- Taking frames from videos, making dataset, preprocessing, model development, deployment and delivering it to the client.

HarmoniX – AI music generator
- An end-to-end Music Generation system to listen AI Generated music using AI, Machine Learning, LSTM, neural networks, Django.
- Features: - Users can listen, save, and download the generated piano music.
- Every time an original and new melody is produced by AI.
- https://github.com/Jainil-coder/HarmoniX--AI-music-generator 🔗

Expresso
- An Expression detection system developed using Machine Learning, CNN, Flask, and Python.
- Detecting 7 expressions like angry, sad, happy, disgust, neutral, surprise, fear.
- https://github.com/Jainil-coder/Expresso 🔗

Sports Analytics
- A Data Visualization of IPL Teams and their players using PowerBI and matplotlib, seaborn in python.

Musica
- A song recommendation system using Machine Learning, K-means algorithm, and Python.

LANGUAGES

English Hindi Gujurati