

Prarabdha Srivastava

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Work Experience

Giskard.ai

Remote

COMMUNITY TECHNICAL WRITER

January 2023- February. 2023

- Worked on building technical blog for the Giskard Community
- Worked on writing better documentation for Giskard Package
- Worked closely with the team on AI ethics and Safety

HybridNets

New Delhi

RESEARCH INTERN

September. 2022- December. 2022

- HybridNet is a project by IIIT Hyderabad aimed towards developing robust Deep Learning Model and Dataset for self driving cars on Indian Roads ..
- Worked on developing the initial dataset by annotating videos
- Further developed the SOTA CNN Based Models for Self driving Cars

Active Open Source Contributor

Remote

July. 2022- Present

- Core Contributor for LAION-AI , a open source effort for developing a free and open-sourced ChatGPT
- Also Contributor to some amazing projects by Hugging Face and RoboFlow

Projects

RICKBOT

HuggingFace ,Flask , PyTorch

BRING YOUR FAVOURITE CHARACTER TO LIFE WITH THIS DISCORD BOT

- Scrapped transcripts from various Rick&Morty fandom sites to the initial dataset published on Kaggle
- Fine-Tuned the Google's T5 Transformer on this dataset so that this LLM can talk like Rick
- Deployed this fine-tuned model on Hugging-Face as an Inference API
- Finally deployed the bot as a flask server

GIF SEARCH

Langchain , OpenAI , Streamlit

ATTEMPT FOR A BETTER SEARCH ENGINE

- Developed a streamlit web app where user can give text prompts to get accurate GIF Results
- Used Sentence Transformer to embed the initial text dataset into the vector space and stored them in PineCone
- Used Semantic Search to search for GIFs most closely related to text prompts

REDDIT SCRAPPER PACKAGE

Typer CLI , Python , Reddit API

PYPI PACKAGE FOR SCRAPPING REDDIT

- Developed a python package for scrapping reddit efficiently
- Used DFS Algorithm to recursively extract the multilevel comment tree on a reddit post
- Used Typer and Rich to create a CLI application and finally deployed on pypi as a Poetry File

Technical Skills

Programming Languages C/C++, Python , Java , Rust , Javascript ,Typescript

Libraries/Frameworks PyTorch, Pytorch Lightning, TensorFlow, Keras, SciKit-Learn , Spacy ,Hugging Face, FastAPI , Flask, AWS Lambda, Docker, React

Database PineCone , SQL, Firebase

Platforms Streamlit, Gradio, Heroku

Education

Delhi Technical University (Formerly DCE)

New Delhi, India

B.Tech in ELECTRONICS & COMMUNICATION ENGINEERING

June. 2018 - May. 2023

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