ANUSHA UMASHANKAR

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Profile

Machine Learning Engineer with experience in Research and Development in ML & transforming NLP concepts to production.

Education

Visvesvaraya Technological University, Govt SKSJTI   2016-2020

Bachelors of Engineering | Computer Science

Work Experience

Ideapoke Technologies   05/2022-11/2023

Machine Learning Engineer   *Bangalore, India*

- Worked on **Innovation Signalz** Product.
- Used Langchain and llms for carrying out question answering over the docs and summarization.
- Integrated **Semantic search** to data retrieval.
- Built search screens using Django Framework.
- Collaborated with the team to automate the flow of data generation and validation.
- Web scraping, Data population, Data processing, Entity extraction and Building NLP models around data for identifying important information from the data.

Research Projects

Ratings Categorizer

Upon performing EDA (Exploratory Data Analysis) obtain insights on significant parameters & build a classifier that's capable of categorizing the App's ratings.

Techniques : Logistic Regression, Decision Tree, Random forest
Summary : Random Forest gave much better accuracy scores than Logistic Regression.

Forms App

This app has various features and options to create and share quiz forms of types (like ratings, questionnaire, feedback etc.,) This app was hosted on **HEROKU** and was built with **FLASK**. The options to create the forms are of a wide range with type validation for answers. The participants' scores in the quiz are evaluated and can be viewed by the creator.

Achievements

- Won 1st Place in Impulse-IT Quiz in 2017.

Skills

Technical Skills:

Python, Machine Learning, Git, Django, NLP Sqlalchemy, MySQL, NLTK, Kibana, ElasticSearch, PostgreSQL, Scikit-learn

Non-Technical Skills: Active listening, Communication, Leadership, Flexibility, Research

Hobbies

Dancing, Reading history books

Languages

English, Kannada, Telugu