Rakshith Arya

I am a confident and hardworking individual who performs his tasks with persistence and is ready to take failure on the chin and accept it as a humble teaching of life.

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EDUCATION

Under Graduate

THe National Institute of Engineering

01/2021 - Present *CGPA -7.0*

Courses

- Computer Science and Engineering

Higher Secondary

Jnanodhaya PU college

06/2018 - 08/2020 *Percentage- 86.67%*

Courses

- PCMB

PERSONAL PROJECTS

"SOPRANO" an online music player web application (11/2022 - 03/2023)

- An online music player with data recording capabilities by the application of database management concepts .
- solves the issue of wrong recommendations by analyzing the data of a user based on the genre of music he or she has listened to and recommend songs from those genres only
- project is advantageous for avoiding unwanted ads and spending time to search favorite songs when instead is automatically recommended to you which makes the user experience more enjoyable and makes accessibility way more easier.
- **tools used:** MongoDB, Express, ReactJs, NodeJS were the tools used

"Ant colony Optimization" (04/2023 - 07/2023)

- This is a simulation that shows the efficiency obtained as a result of applying ACO on classification algorithms SVM and K- NN.
- Fetched a dataset from Kaggle on which ACO had already been applied on and the expected results were stored by running a virtual simulator.
- Applied both SVM and K-NN algorithms on this dataset to train this machine learning model.
- The results obtained were then compared with the results obtained when SVM and K-NN algorithms were applied to a dataset that did not have ACO applied to it.
- **tools used:** Python, matplotlib, sklearn, pandas and NumPy

"Extraction of significant Information using Machine Learning (ML)"

- The system leverages Large Language Models (LLMs), like OpenAI's GPT series, for information extraction. Unlike traditional methods, LLMs are pre-trained on diverse language data.
- The project surpass limitations of predefined rules or manual feature engineering, excelling in handling diverse natural language variations.
- It's contextual understanding enables versatility across domains, proving valuable in dynamic language structures where rigid template-based systems fall short.
- The proposed system excels by reducing reliance on labelled data, leveraging pre-training on extensive language data for knowledge transfer to new tasks, ensuring adaptability to diverse language structures, and effective performance across applications.

SKILLS

Data Structures and Algorithms | HTML | CSS | JavaScript | C++ | OOP | Python | SQL | Mysql

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

Kannada
Native or Bilingual Proficiency

INTERESTS

Story telling | Selling | Travelling | debating | learning new languages | Networking