

SKANDA TEJASWI D

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Projects

Ray Of Light | Final Year Project

- IoT-based assistance for differently-abled individuals using Python, Raspberry Pi, Google API, Speech Recognition, Tacotron, and OCR.
- We surveyed the literature, selected models, specified hardware, designed UI, integrated software, compared with existing projects, and published a journal article.
- Our goal is to empower people with disabilities by helping them see, hear, and speak easily, promoting independence and confidence.

Exam Scheduling | College Project

- Computerizing the management of college resources, our website uses technologies like Embedded Javascript Templating (EJS), NodeJS, and MySQL.
- It streamlines the process of room allocation for students, scheduling invigilators, and creating timetables.
- With the seamless integration of these components, our platform simplifies college administration, saving time and resources for educational institutions.

Apps Recommender System | Self Learning Project

- Our project aims to transform the app search experience by providing personalized app recommendations based on data from the Apple App Store.
- We utilise advanced technologies such as the Content-Based Recommender System, the Count Vectorizer, and Cosine Similarity to deliver high-quality results.

IMDB Sentiment Analysis | Self Learning Project

- Our Sentiment Analysis Model employs NLP techniques and advanced machine learning algorithms, such as the Bag of Words approach and Logistic Regression.
- The system can accurately predict the sentiment of text-based IMDB reviews, providing remarkable accuracy.

Weather Application | Self Learning Project

- Get real-time weather updates with our website, which uses the Open Weather Map API to display weather data in JSON format.
- Experience the power of Basic HTML, CSS, Javascript, and JQuery as you access detailed information on temperature, wind speed, and precipitation to get an engaging overview of current weather conditions.

Publications

- RAY OF LIGHT, AN INTEGRATED SYSTEM FOR SPECIALLY ABLED (IRJMETs). [JOURNAL ARTICLE LINK.](#)

Skills

Programming

Python C++ CoreJava

AI/ML/Data Science

Numpy Pandas Matplotlib
Seaborn Scikit-Learn Tensorflow
Keras Beautiful Soup

Web Development

HTML CSS Javascript Flask
Streamlit

Database

MySQL MongoDB

Tools & Platforms

Git Github VSCode Heroku
Firebase AWS

Education

Computer Science Engineering (B.E)

Sri Jayachamarajendra College of Engineering (SJCE/JSSSTU), Mysuru

2022 CGPA : 8.77

II PUC

HKS PU College, Hassan

2018 85.16%

Class X

United High School, Hassan

2016 96.80%

Extra Curricular

