

# 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% (PCMB - 90%)

### Class X

United High School, Hassan

2016    96.80%

## Extra Curricular

