# Soujanya Uppada

Final year B.Tech
Computer Science & Engineering
at RGUKT IIIT NUZVID
CGPA: 8.50 till now

1-64, Venkatapuram
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## Links

Github: **SoujanyaUppada**
LinkedIn: **Soujanya Uppada**

## Skills

OS
Windows

LANGUAGES
Python , Java , HTML , CSS , JS, Bootstrap , React JS

DATABASES
MySQL

## Coursework

Data Structures
Algorithms
Computer Networks
Operating Systems
Databases

## Education

*2020-2024*
B.TECH. IN CSE
RGUKT AP IIIT NUZVID
CGPA : 8.5(till now)

*2018-2020*
PUC
RGUKT AP IIIT NUZVID
CGPA: 8.4

*2018*
HIGH SCHOOL
A.P Model School, Karavanja
CGPA: 10.0

## Online Courses

*March 2023* **Data Structures Course | Coursera**

## Achievements

*2021-2023* **SDCAC**
Worked in Career Guidance Club - Student Development and Activity Center (SDCAC) RGUKT Nuzvid.

*Aug 2021* **Marketing**
Worked as a volunteer in Marketing team in techfest TECHZITE 2021.

## Projects

*Feb 2023* **Weather App** **React JS**
Developed a weather forecasting app using React.js , Tailwind CSS and the OpenWeatherMap API . I created a user-friendly interface with dynamic features, providing real-time weather information. Through this project I gained knowledge about integrating APIs to deliver valuable and up-to-date weather information to users.

*Apr 2023* **Malaria Detection**
**Python,TensorFlow,Keras,OpenCV,Matplotlib,Flask**
Developed a deep learning model for malaria detection using cell images. The images were pre-processed and augmented to improve model performance. The model was built on the VGG19 architecture, trained for 50 epochs, and evaluated using accuracy and loss metrics. The final trained model, capable of predicting malaria presence with high accuracy, was saved for future use. Technologies used include Python, TensorFlow, Keras, OpenCV, and Matplotlib.

*Jun 2023* **Forest Fire Management**
**Python,TensorFlow,Keras,OpenCV,Matplotlib,React JS**
This project is developed using CNN algorithm. It is combination of three existing systems integrated in one i.e.,forest model, satelite model and weather model.We have trained this model with 6000+ images and many ML algorithms are used for training the weather model and XGboost is taken as it gives more accuracy.Now,the final trained model is capable of detecting fire in images or through camera and send email to the given recipient with the latitude and location of fire detected area.