GT SAI SIREESH

B.E. - COMPUTER SCIENCE

CONTACT

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SKILLS

Programming Languages

- C++
- Python
- Java
- HTML
- PHP
- CSS

Frameworks

- TensorFlow
- Django

Database

- MySQL

LANGUAGES

- English (Fluent)
- Kannada (Fluent)
- Telugu (Conversant)
- Hindi (Conversant)

PROJECTS

6TH SEM

U-Net Model for Real-Time Land Coverage Area

- Implemented a real-time land cover segmentation project to predict the areas covered by agricultural land, urban regions, and water bodies.
- Achieved 85% accuracy using the U-Net model with satellite imagery data from the Bhuvan Satellite. Processed 5000+ satellite images for training and testing.
- Used the U-Net model, which achieved high accuracy with training and test data collected from the Bhuvan Satellite. tried to integrate with Google earth engine API for real time use. But, faced challenges with image clarity of GEE images. Working on finding alternatives.
- 1300+ views in Kaggle notebook,

6TH SEM

Truck Leasing Website (DJANGO/ TAILWIND CSS /HTML/ JAVASCRIPT)

- Developed a comprehensive truck leasing website using Django, enabling users to browse and Borrow trucks by providing their contact details.

5TH SEM

Plant Leaf Nutrient Deficiency Classification Using Python

- Developed a Python-based project utilizing Convolutional Neural Networks (CNN) for analysing plant nutrient deficiencies.
- Achieved 92% accuracy in detecting nutrient deficiencies using a dataset of 10,000+ leaf images.
- The model was trained on Kaggle Notebook using a GPU T4 X2 for enhanced performance.
- Designed the front-end using the Flask library.

4TH SEM

Flight Ticket Booking System (HTML/ CSS/ PHP/ SQL)

- Created an intuitive interface for users to specify travel details (from, to, date). Retrieved and processed flight data from external sources or manually updated datasets.
- Designed and implemented a database schema to store flight information, user bookings, and other relevant data.
- Connected the application to the database using appropriate connection settings and queries.
- Wrote efficient SQL queries to perform CRUD (Create, Read, Update, Delete) operations on the Data.
- Processed and stored data for 5000+ flights using SQL
- Ensured an average page load time of 1.2 seconds, providing a seamless user experience.

EDUCATION

Dayananda Sagar Academy of Technology, Bengaluru 2021-25
Bachelor of Engineering | Computer Science

Narayana PU College, Bellary 2020-21
Class 12 | PCM

Ashirvad High School, Bellary 2018-19
Class 10