

Satya Nivas Bezawada

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SUMMARY

Worked at the Indian Space Research Organization's National Remote Sensing Centre as a Junior Analyst. I am a self-driven, diligent worker who enjoys teamwork and working with people. I have a strong interest in software and am looking for a position where I can effectively use my skills and abilities to further the development of the company and further my professional career.

EDUCATION

Swarna Bharathi Institute of Science and Technology <i>Computer Science Engineering</i>	Khammam, Telangana 2018 - 2022
Sri Chaitanya Junior College <i>PMC</i>	Khammam, Telangana 2016 - 2018

EXPERIENCE

Junior Analyst <i>National Remote Sensing Centre-ISRO</i>	August-2023 - March-2024 <i>Hyderabad, Telangana</i>
<ul style="list-style-type: none">• Worked for MahaAGRITECH project by NRSC-ISRO and MRSAC for Department of Agriculture, Government of Maharashtra, under the guidance of Dr. Anima Biswal (Scientist-F).• Developed a machine learning model for wheat crop classification.• Contributing to the Development of Geo-portal and dashboard, structuring database that aid decision support in agriculture management of Maharashtra.• Geospatial raster and vector data visualization using R programming and Python.• Raster calculation, Weather data processing, Image analysis and vector data handling using Python and tools like ArcMap, QGIS• Generating the data in excel format from different geospatial data files. Applied creative problem-solving techniques to develop innovative solutions.• Worked with Cloud platforms like Google earth engine to handle Satellite Images	
College Intern <i>Swarna Bharathi Institute of Science and Technology</i>	December 2020 <i>Khammam, Telangana</i>
<ul style="list-style-type: none">• Involved in the development of college's Training and Placements website. Engaged in back-end development• Responsible for enabling students to edit their information via the edit page	

SKILLS

Languages:Python, Java, R, JavaScript, SQL, HTML, CSS, php
Frameworks and Libraries:React, Flask, Numpy, Pandas, Keras, Tensorflow, OpenCV, Pytorch, Rasterio, Spring boot, Hibernate
Others: Git, Node.js, Docker, AWS, Machine learning, NLP, Remote sensing, Google Earth Engine, QGIS, Problem solving, Quick learner, Creative, Enthusiast.

PROJECTS

House Price Prediction
<ul style="list-style-type: none">• A machine learning model, that predicts the house prices of Bengaluru city. This model is prepared using simple Linear Regression.• This application was developed using Python, Flask and deployed the model to AWS• ec2-18-212-54-18.compute-1.amazonaws.com
Covid Info App
<ul style="list-style-type: none">• An interface that gives data on the global COVID case count• Provides information of every country's COVID data and updates the information on a regular basis

- Provides the difference in COVID cases from the previous data
- This application was developed using Java 17, Spring Boot, Thymeleaf.

Contact Book

- An app that lets users store their contacts so they can access them later. Additionally, it allows users to modify their saved contacts as needed.
- This application was developed using React 18, Flask, SQL.

Sports Celebrity Image Classification

- A machine learning model, that can predict 5 sports persons images.
- Methods like Haarcascade, Wavelet transform are used to differentiate the images.
- The model was built using Support Vector Machine.

React Jobs Website

- An interface designed to make it easier for React job seekers to browse open vacancies. The recruiter can add to and modify the employment position with its help.
- This application was developed using React 18 and Vite.

News Notes

- A note taking focused news portal that enables users to ping and maintain a customized news pad.
- User can save the important news titles and content and can download the saved information as a pdf.
- This application was developed using HTML, CSS, JavaScript, php and SQL.

ACHIEVEMENTS

Engaged in MahaAGRITECH project for the Government of Maharashtra

Working in National Remote Sensing Centre, dealing with geospatial data and satellite images, learning about remote sensing in short span which was completely new to me.

Developed a permanent solution for data generation from the weather files in automation, which was one of the important requirements and still in use.

Appreciation for the involvement in the development of college's Training and Placements Website

First place in college painting competition during my freshman year

CERTIFICATIONS

Spring and Hibernate(includes Spring Boot)

Certificate of Completion by Udemmy

Java Programming MasterClass

Certificate of Completion by Udemmy

LANGUAGES

English

Professional Working Proficiency

Hindi

Professional Working Proficiency

Telugu

Native or Bilingual Proficiency

PERSONAL TRAITS

Painting

Cooking

Upcycling

Yoga