

# Satya Nivas Bezawada

+917013950693 | [bezawadasatyanivas@gmail.com](mailto:bezawadasatyanivas@gmail.com) | <https://www.linkedin.com/in/satya-nivas-bezawada-4b2bb82b9/>  
<https://github.com/bezawadasatyanivas>

## SUMMARY

---

I worked as a Junior Analyst at the National Remote Sensing Centre (ISRO), where I honed my skills as a self-driven, diligent worker with a passion for both individual and team-based projects. I thrive on exploring new technologies, learning continuously, and building meaningful connections. With a strong interest in software development, I am seeking a position that will allow me to leverage my expertise to contribute to the company's growth and advance my professional career.

## EDUCATION

---

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

## EXPERIENCE

---

<b>Junior Analyst</b> <i>National Remote Sensing Centre-ISRO</i>	August-2023 - March-2024 <i>Hyderabad, Telangana</i>
<ul style="list-style-type: none"><li>• 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).</li><li>• Developed a machine learning model for wheat crop classification.</li><li>• Contributing to the Development of Geo-portal and dashboard, structuring data that aid decision support in agriculture management of Maharashtra.</li><li>• Geospatial raster and vector data visualization using R programming and Python.</li><li>• Raster calculation, Weather data processing, Image analysis and vector data handling using Python and tools like ArcMap, QGIS</li><li>• Generating the data in excel format from different geospatial data files. Applied creative problem-solving techniques to develop innovative solutions.</li><li>• Worked with Cloud platforms like Google earth engine to handle Satellite Images</li></ul>	
<b>College Intern</b> <i>Swarna Bharathi Institute of Science and Technology</i>	December 2020 <i>Khammam, Telangana</i>
<ul style="list-style-type: none"><li>• Involved in the development of college's Training and Placements website. Engaged in back-end development</li><li>• Granting students access to the edit page so they can amend their information.</li><li>• Responsible for figuring up the faculty members' average grades based on their instruction.</li></ul>	

## SKILLS

---

**Tech Stack :** Python, Java, R, JavaScript, SQL, PHP, HTML, CSS, React, Flask, Fast API, Django, Numpy, Pandas, Keras, TensorFlow, OpenCV, Rasterio, Natural Language Processing(NLP), MySQL, MongoDB, AWS, Docker, Google Earth Engine, Machine Learning, Full Stack Development, Remote Sensing.

**Soft skills:** Problem solving, Creative, Attention to detail, Self learning, Time Management, Quick learner.

## PROJECTS

---

<b>House Price Prediction App</b>
<ul style="list-style-type: none"><li>• A machine learning model, that predicts the house prices of Bengaluru city. This model was developed using simple Linear Regression.</li><li>• This application was developed using Python, Flask and deployed the model to AWS</li><li>• URL: <a href="https://ec2-18-212-54-18.compute-1.amazonaws.com">ec2-18-212-54-18.compute-1.amazonaws.com</a></li></ul>

### **Retail Q&A tool**

- Designed and implemented an intelligent Q&A tool for the clothing store to improve customer service by providing accurate and timely responses to customer inquiries.
- This application is developed using Python, GooglePalm, Langchain, Huggingface, Streamlit, ChromaDB, MySQL.

### **Social Community Website**

- A website that enables the user to create groups, add a post in the group and create content.
- Other users who are interested in a group can join the community as a member, can view the posts available in that group. This app facilitates users to shift the groups.
- This application was developed using Python, Django, HTML, CSS, JavaScript.

### **Books Store**

- An app that enables the user to manipulate their book collection. It also displays the book collection and a brief description about the book .
- This application was developed using MERN( MongoDB, Express.js, React.js, Node.js) stack .

### **Covid Info App**

- 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
- This application was developed using Java 17, Spring Boot, Thymeleaf.

### **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**

---

**Worked at 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 geospatial tool that can preprocess and extract useful information from raw weather files, useful for efficient functioning for MahaAGRITECH project.**

**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**

---

### **Java Programming MasterClass**

*Certificate of Completion by Udemy*

### **Python and Django Full Stack Web Developer Bootcamp**

*Certificate of Completion by Udemy*

## **LANGUAGES**

---

- **English** (Professional Working Proficiency)
- **Hindi** (Professional Working Proficiency)
- **Telugu** (Native or Bilingual Proficiency)

## **PERSONAL TRAITS**

---

**Painting**

**Cooking**

**Upcycling**

**Yoga**