PILLA VENKATA SAI THARUN

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About

I am a growth seeking individual looking for job opportunities in Chemical , Pharmaceuticals Industry. The passion for chemical engineering motivates me to apply for these roles ,I am a learner and I am willing to work hard and acquire new skills to become a useful asset to the company.

Education

- **BACHELOR OF TECHNOLOGY | OCT 2023 | VELLORE INSTITUTE OF TECHNOLOGY, VELLORE CAMPUS**
  CHEMICAL ENGINEERING
  CGPA: 7.05

- **INTERMEDIATE | MAY 2019 | FIITJEE JUNIOR COLLEGE, HYDERABAD**

  PERCENTAGE: 87.9

- **CLASS X | MARCH 2017 | RYAN INTERNATIONAL SCHOOL, VASANT KUNJ, N E W DELHI**

  CGPA: 9.4

Internship

- **Process Engineering Intern - Dr. Reddy's Laboratories, CTO 1 Hyderabad (Jun 22 – Jul 22)**

  The internship was at the manufacturing units of the company where I learned about various processes involved in the drug manufacturing. In the internship period I got an opportunity to interact with various officials from departments like API Manufacturing , Effluent Treatment also Research and Development which made me realize the importance of coordination between various departments of the company.

Co-curricular Activities

Logistics Head at IIChE-VIT | 2021-2022

It is a student chapter from VIT for Chemical Engineering students. We conduct various technical events, workshops and Hackathons related to Chemical Engineering and Chemistry in general.

Projects

- **Analysis of Regression models for forecasting production of LPG**
  This project analyses the forecast of Liquid petroleum gas (LPG) production until 2030. In order to forecast the data, Microsoft Excel is used as primary software package to analyse results. The significant correlations between the forecast variable of interest and the predictor variables can be captured using regression models.

- **Biochar based CO2 Gas Sensor**
  In this project I worked with my batchmates to create a sensor that was more environmentally and economically sound than the ones already on the market. Since biochar sensors are made of bamboo and deliver the correct CO2 ppm values that we were aiming for, they assist us in solving this issue. The entire process of creating, modelling, and processing Biochar CO2 sensors has produced the greatest results, and they may take the place of the market's current metal oxide sensors.

Languages

Telugu (Native Proficiency)

English (Full Professional Proficiency)

Hindi (Full Professional Proficiency)

German (Elementary Proficiency)