

Talaviya Bhavik

Chemical Engineer

Seeking a challenging opportunity with an organization where I can utilize my technical skills as well as computer skills. I want to contribute to the organization with hard work, sincerity, patience, and dedication.

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💻 tbhavik.me

🐙 github.com/imnotdev25

EDUCATION

Bachelor of Engineering

Government Engineering College , Valsad

06/2019 - 06/2023

CGPA 7.6

Courses

- Chemical Engineering

Higher Secondary

Kaushal Vidhyabhavan

02/2018 - 04/2019

Percentage 70 %

PROJECTS

Extraction of biodiesel from cotton seeds (03/2022 - 04/2022)

SSIP Hackathon 2022 (09/2022 - 10/2022)

- Online Measuring and Monitoring L/G Ratio of Cooling Tower.
- Description: Developed a system to measure and monitor the L/G (Liquid-to-Gas) ratio of a cooling tower in real-time. Utilized ESP8266 for data collection, Google Sheets API for data storage, and soft sensors for accurate measurements.
- Technologies: Arduino, IoT.
- Achievements: Qualified for the grand final.

WORK EXPERIENCE

Internship

Prudence Pharma Chem

06/2022 - 07/2022

API & Bulk Drug

Tasks

- Understood various principles applied in industry
- Pharma API & bulk drug

Ankleshwar

Internship Trainee

Hema Dyechem LTD.

02/2023 - 04/2023

Dye intermediate, UV absorber

Tasks

- Unit process : Hydrogenation, Chlorination, Nitration
- Batch planing
- Chemical Handling and Safety
- Equipment design
- Teamwork and Communication

Vapi

SKILLS

Communication

Efficiency

Computer skills

Time management

Collaboration

Project management

Machine Learning

Data Science

Python

MATLAB

Excel

CERTIFICATES

Python basics for Data Science (10/2021)

Acquired fundamental Python skills for data science; covered pandas, matplotlib and NumPy. Strong foundation for practical data analysis.

Ansys Multiphysics Simulations (02/2023)

ANSYS simulation trained in 5 days; expertise in simulation techniques.

LANGUAGES

Gujarati

Native or Bilingual Proficiency

English

Professional Working Proficiency

Hindi

Professional Working Proficiency

AREA OF INTEREST

Digital Innovation

IIOT

Machine Learning

Mass transfer

Heat transfer

Fluid Mechanics