

HIMANSHU BHANSALI

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 25/03/2002

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OBJECTIVE

A consistent, hard-working individual aiming to obviate barriers that can fuel the inclusive development of the organization.

EDUCATIONAL BACKGROUND

| COURSE | INSTITUTE | CPI/CGPA/% | YEAR |
|--|---|---|-----------|
| B.Tech in Chemical Engineering | Rajiv Gandhi Institute of Petroleum Technology | 8.32* (Up to 5 th semester) | 2019-2023 |
| XII, (BOARD) | India Overseas School, Jaipur | 88.80% | 2019 |
| X, (BOARD) | Doon Cambridge School, Haridwar | 84% | 2017 |

INTERNSHIP

Project Intern | Brane Enterprises Pvt. Ltd.

May 26 – September 16, 2022

Mentor- Mr. Praful Dhondu Khaire

- Developed a python model for converting speech to text using an offline voice-recognition toolkit Vosk.
- Designed the algorithm for various backend APIs for nsliothub (no code) platform application using spring boot and java.
- Developed and Implemented the authentication and authorization for the nsliothub (no code) application.

Machine Learning Intern | Caliche Private Limited.

January 22 – May 20, 2022

Mentor- Mr. Ashutosh Kumar

- Developed a machine learning model for the prediction of chemical reaction yields using a text-based form of chemical reaction called smiles.
- Learned about natural language processing and deep learning concepts like RNN, LSTM, encoders, decoders, and transformers and implement them for creating the model.

Well Services and Operations | Vocational Trainee | ONGC Mehsana

December 6 – January 6, 2022

Mentor- Mr. S.S.Sudhi GM(P) I/C HSE

- Developed deep insights into major well services and workover operations.
- Studied various oil recovery operations, health safety, and management in oil industries.

Microsoft Power BI Intern | Indian Institute of Chemical Engineers

June 15 – August 6, 2021

- Developed many visualizations, reports, and charts for various databases using Power BI.
- Studied different types of data and exploratory data analysis using Power BI.

POSITION OF RESPONSIBILITIES

Differential Equation Tutor for the batch of freshmen

April, 2022- June, 2022

Subject Matter Expert at Chegg India

February, 2022- Present

Event Management Head at AIChE RGIPT Student Chapter

June, 2021- March, 2022

Student Executive at AIChE RGIPT Student Chapter

August, 2020- June, 2021

Student Coordinator at Gyanarpan, Project Amethi

October, 2019- May, 2020

PROJECTS

Modeling mass transfer effect in redox flow battery

September,2021 - December,2022

Mentor- Dr. Milan Kumar

- Developed the mathematical expression for mass transfer effect in redox flow battery
- Plotted the variation between voltage loss and applied current for flow battery

Develop the program for selection for admission

September,2020 – January,2021

Mentor- Dr. Milan Kumar

- Developed a program for the selection of new candidates for every branch present in RGIPT.
- Created a web interface for admission using HTML and JavaScript.

TECHNICAL SKILLS

- Java, Python, MySQL, C
- Spring Boot, Pandas, Matplotlib, Machine Learning, Natural Language Processing, Deep Learning
- MS Office, Power BI, AutoCad

ACHIEVEMENTS AND HONOURS

Recipient of **RGIPT Merit Scholarship** for the academic session 2019-2020 for the consistent academic record. 2020

Devoted **60+ hours** over 6 months to teach the unprivileged village children under the Gyanarpan, Project Amethi. 2020

Qualified **IIT JEE ADVANCED 2019**. 2019

MOOCs

- **Python** | HackerRank
- **Intermediate Machine Learning** | Kaggle
- **Data Visualition** | Kaggle