

# Sanskar Gupta - Chemical Engineer Portfolio

## PROFESSIONAL SUMMARY

I am a passionate and driven Chemical Engineer with a solid foundation in process optimization, data analysis, and production efficiency. Having completed internships at leading companies like JK Tyres and National Fertilizers Limited (NFL), I have hands-on experience working in diverse industrial environments, analyzing manufacturing processes, and implementing data-driven solutions. I bring a unique blend of technical expertise in chemical engineering and practical skills in Python, SQL, and data science to optimize operations and solve complex challenges. Currently, I am expanding my skill set in the sales domain as a Sales Executive at TSW Packaging Solutions, gaining insights into the business side of the industry.

## EDUCATION

Bachelor of Technology in Chemical Engineering

2020 - 2024

Madhav Institute of Technology and Science (MITS), Gwalior

## CERTIFICATIONS

- Coding Thinker - Python SQL, 2023
- Coursera - Python for Data Science, AI, and Development, 2023

## INTERNSHIPS & PROJECTS

JK Tyres

Position: Major Internship - Data Analyst

Duration: Jan - May 2023 (6 months)

Key Responsibilities:

- Analyzed the manufacturing process of radial tyres to identify areas of improvement.
- Collected, interpreted, and visualized production data to optimize the quality of tyres produced.

- Assisted in developing strategies to reduce production waste and increase operational efficiency.

National Fertilizers Limited (NFL)

Position: Summer Internship - Data Analyst

Duration: June - July 2022

Key Responsibilities:

- Gained an in-depth understanding of the Urea production process and associated efficiency metrics.
- Analyzed production output data and resource utilization, identifying opportunities for process enhancements.
- Supported the implementation of data-driven improvements to increase production efficiency.

## **TECHNICAL SKILLS**

- Programming: Python, SQL
- Data Analysis Tools: Excel, Power BI
- Chemical Engineering Skills: Process Optimization, Process Simulation, Plant Operations
- Software: MATLAB, Aspen HYSYS
- Other Tools: MS Office, Google Workspace

## **PROFESSIONAL EXPERIENCE**

TSW Packaging Solutions

Position: Sales Executive

Duration: July 2024 - Present

- Developing and managing sales strategies to expand the customer base and market presence.
- Collaborating with clients to understand their packaging needs and providing tailored solutions.
- Leveraging technical knowledge from chemical engineering to improve product offerings and communication with clients.

## **ACHIEVEMENTS & LEADERSHIP**

- Awarded for outstanding performance during the internship at JK Tyres.
- Active member of the Chemical Engineering Society at MITS College, organizing various technical workshops and seminars.

## **PROJECTS**

### Game Design for Programming Skills

- Conceptualized and developed the idea of a game designed to teach basic programming skills, with a focus on Python.
- Worked on the framework of the game and how to incorporate interactive learning for programming concepts.

## **HOBBIES & INTERESTS**

- Playing cricket
- Exploring new technologies and gaining knowledge
- Listening to music (Favorite: Atif Aslam)