



# Sourav Mishra

Roll No.: 2022UGCM022

B.Tech

Engineering and Computational Mechanics

National Institute Of Technology, Jamshedpur

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GitHub Profile

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## EDUCATION

**National Institute of Technology, Jamshedpur**

B.Tech, Engineering and Computational Mechanics

**2022-Present**

CGPA: 7.39

**MMSSV Mandir**

Central Board of Secondary Education

**2020**

Percentage: 90.8

**MMSSV Mandir**

Central Board of Secondary Education

**2018**

Percentage: 90.8

## PERSONAL PROJECTS

### GDP Growth Analysis

*Python, Numpy, Pandas, matplotlib, Seaborn*

- Performed comprehensive Exploratory Data Analysis on global GDP growth data using NumPy, Pandas, and advanced visualization libraries like Seaborn, Matplotlib, and Plotly.
- Analyzed and compared GDP trends over time for individual countries and across multiple regions. Developed bulk visualization techniques to efficiently plot and compare economic indicators.
- Delivered insightful comparisons through interactive and static graphs, enabling a deeper understanding of global economic performance.

### Marketplace Sales and Customer Behavior Analytics

*SQL, Python, Power BI*

- Analyzed user behavior and sales trends on a simulated fashion e-commerce dataset to identify drivers of customer retention and GMV growth.
- Used SQL and Python (Pandas, NumPy) to process and clean multi-source data including transactions, user sessions, and product catalog.
- Built interactive dashboards in PowerBI to visualize category performance, user funnel drop-offs, and region-wise order volumes.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** SQL, Python

**Data Visualization and Manipulation:** Pandas, Numpy, Matplotlib, Seaborn

**Data Analysis and BI Tools:** Excel, Power BI, MS PowerPoint, Canva, MS Word

**Concepts:** MySQL, Object Oriented Programming in Python

**Soft Skills:** Leadership, Communication, Problem Solving and Analytical Skills

## POSITIONS OF RESPONSIBILITY

**Hostel Secretary**, Hostel Executive Committee-Boys, NIT Jamshedpur

*2023-2024*

**Team Member**, Team DAKSH (Technical Team), NIT Jamshedpur

*2023-Present*

## ACHIEVEMENTS

- Secured **Gold Medal(District Topper)** at *English Olympiad*, organized by SOF(Science Olympiad Foundation) in Secondary School
- Achieved **5 Star** in SQL on HackerRank
- Achieved **4 Star** in Python on HackerRank
- Ranked among the **top 7%** of candidates in JEE Advanced 2022

## HOBBIES AND INTERESTS

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- Watching Web Series
- Playing chess and cricket
- Reading News