Sourav Mishra

Roll No.: 2022UGCM022
B.Tech
Engineering and Computational Mechanics
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 GitHub Profile
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EDUCATION

National Institute of Technology, Jamshedpur	**2022-Present**
B.Tech, Engineering and Computational Mechanics	CGPA: 7.39
MMSSV Mandir	**2020**
Central Board of Secondary Education	Percentage: 90.8
MMSSV Mandir	**2018**
Central Board of Secondary Education	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.

Music Store Data Analysis — *SQL*

- Used SQL queries to analyze music store data.

- Evaluated customer spending patterns.

- Utilized database management and data visualization tools to generate actionable insights.

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
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

- Watching Web Series

- Playing chess and cricket

- Reading News