Ansuman Das

Final Year (B.Tech)
Metallurgical and Materials Engineering
at NIT Rourkela
CGPA:8.09

Sector-2, NIT ROURKELA
Rourkela, Odisha- 769008, India
Mob: +91-8018661910
Email: ansuphy5@gmail.com

Links

Github: **ansumandas**
LinkedIn: **ansumandas**
Leetcode: **ansumandas**

Skills

OS
Windows

LANGUAGES
C/C++, Python, Javascript
CSS, HTML

LIBRARIES AND FRAMEWORK
React Js, Express Js, Node.js
Numpy, Pandas

DATABASES
MySQL, MangoDB

OTHERS
Git, GitHub, Vs Code, Atom,
MATLAB, FactSage, Jupyter Notebook

Coursework

Data Structures
Algorithm
Operating Systems
OOPS
SQL
Web Development

Education

2021-2025
B.TECH. IN MME
NIT ROURKELA
CGPA : 8.09/10

2018-2020
INTERMEDIATE
JNV, Khordha
Percentage: 93.2%

2018
HIGH SCHOOL
JNV, Khordha
Percentage: 89%

Experience

JULY 2024 — **Steel Authority of India Limited** — **Summer Intern**

Conducted a comprehensive analysis of blast furnace productivity by leveraging machine learning algorithms to optimize the amount of charge materials.Developed predictive models to improve operational efficiency and reduce raw material consumption, resulting in a 15% increase in productivity.

Python, Pandas, NumPy, MySQL

JULY 2023 — **IIT Bhubaneswar** — **Summer Intern**

Developed regression models to predict battery life using historical data and usage patterns. Utilized MATLAB for plotting and comparing Linear Regression, Random Forest, and other algorithms, achieving high prediction accuracy for improved battery management.

Data analysis, Python, Pandas, Numpy, MATLAB, Kaggle

2022-NOW — **Exprto** — **Mentor**

Provided personalized guidance and strategic advice to JEE and NEET aspirants, assisting them in shaping academic goals, offering study techniques, and boosting confidence.

Project

2024 — **Food Delivery Web App** — **MERN**

Developed a food delivery web app using the MERN stack with features like restaurant browsing, order placement, and real-time delivery tracking.

2023 — **Hostel Management Web App** — **MERN**

Developed a hostel management web app using the MERN stack to streamline student accommodation processes. Features include room booking, student registration and real-time notifications.

2023 — **Netflix Data Cleaning and Analysis** — **SQL**

In this project, SQL was employed to clean and process a large dataset of user information. The process included identifying and correcting inconsistencies, removing all the duplicates, and managing missing data to ensure the data points are accurate and reliable.

Extra Curricular Activities

2023-2024 — **General Secretary** — **HMC**

Served as General Secretary of the Hostel Management Committee, organizing a grand feast for nearly 8,000 attendees and implementing significant upgrades to hall premises and menu offerings.

2022-2023 — **NITR INNOVISION** — **Core Team**

Served as a key organizer for a technical fest, coordinating events and managing logistics to ensure smooth execution.