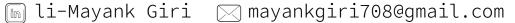
# Mayank Giri











## EXPERIENCE

## INDIAN INSTITUTE OF TECHNOLOGY, ISM RESEARCH INTERN

December 2023 - January 2024

- → Performed Exploratory Data Analysis (EDA) on the solar irradiance dataset for the Dhanbad city.
- → Implemented machine learning models like Logistic regression, Decision Tree regression, Random Forest regression for predicting the solar energy conversion
- → Increased model accuracy by 70% and reduced processing time by 60% compared to baseline model.

#### **OASIS INFOBYTE** DATA ANALYST

August 2023 - September 2023

- → Streamlined long-term pricing experiment that improved customer value by 25%
- → Conducted comprehensive data analysis to predict and model for future unemployment rates.
- → Automated 10+ manual processes using Python scripts, reducing 74% of the time spent analyzing data.
- → Tech stack used: Python, Pandas, MySQL, Excel, PowerBl.

## INDIBINI CONSULTANT

February 2023 - April 2023

- → Leveraged data analytic tools to address 2,000 customer inquiries, optimizing KPIs and devising a solution-deployment strategy.
- → Enhanced customer engagement, resulting in the creation of effective marketing plans, driving a 5% annual turnover rise and a 10% increase in net EBITDA.
- → Managed revenue models, process flows, operations support & customer engagement strategies to ensure project success.
- → Proposed a detailed road-map for product growth in B2B market.

# POSITION OF RESPONSIBILITY

# **IEEE** DSITRICT PUBLICITY HEAD

2023 - Present

- → Organized and managed successful club events and fundraisers Coordinated logistics, budgeting, and vendor relations for events - Led event promotion and marketing efforts to drive participation
- → Provided guidance and support to club leaders and Organized district-wide Hackathons and facilitated collaboration among clubs.
- → Reorganized the club's mentorship program, resulting in a 20% increase in mentor-mentee pairings.

#### IETE TREASURER

2023 - Present

- → Developed effective financial strategies that contributed to a 15% increase in cash flow and a 10% reduction in operating expenses within the first year.
- → Presented workshops on various technical topics to participants, including Python programming and machine learning basics.

# SKILLS

#### **TECHNICAL**

- C++ JavaScript Python
- CSS •HTML •React
- Power BI MS-Excel MySQL

#### **TOOLS & LIBRARIES**

- Git/GitHub Canva Pandas
- PostgreSQL

## **ANALYTICAL**

- Public Speaking Consulting
- Finance Decision Making
- Data Analysis

# EDUCATION

## **BIT MESRA**

B.Tech in Chemical Engineering 2021-2025 CGPA:7.8

## **D.A.V SCHOOL**

12TH - CBSE BOARD 2018-2020 Score: 83.15%

# DE NOBILI SCHOOLL

10TH - ICSE BOARD 2007-2018 Score: 80.1%

# **ACHIEVEMENTS**

## C++ Workshop Mentor

- · Designed and facilitated interactive workshop focusing on programming with C++.
- Mentored diverse group of students, helping them navigate programming challenges and career aspirations.

G.P Birla Scholarship, Awarded for academic performance and extracurricular activities.