

Mayank Giri



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li-Mayank Giri



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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 rate.
- 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, PowerBI.

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 DISTRICT 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 SCHOOL

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.