Rohith Mora

M.Tech – Industrial Engineering and Management - IIT, Dhanbad

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Portfolio: [Rohith Portfolio](#)

EXPERIENCE

MTAR Technologies Ltd., Hyderabad — *EET*
SEP 2021 - APR 2022

- Spearheaded the preparation of highly intricate ball screw and ball nut drawings and 3D models, ensuring precision and adherence to industry standards, using **AutoCAD** and **Solid Edge** software tools
- Played a pivotal role in the preparation of comprehensive process plans for ball screws, enhancing production efficiency

VIRTUAL EXPERIENCE PROGRAMS

Power BI in Data Analytics | pwc

- Completed **4** practical tasks on data analysis, dashboards on KPI's of call center trends, Customer Retention and Diversity & Inclusion

PROJECTS

M.Tech Thesis (ongoing)

SUSTAINABLE LOGISTICS IN INDUSTRY 5.0: IDENTIFYING BARRIERS AND THEIR MITIGATION STRATEGIES

- Explored **3 objectives** to accomplish by exhaustive literature review
- Identified **14 critical barriers** in implementing sustainable logistics in the context of Industry 5.0

Threads Dataset Analysis

Objective: To build a Machine Learning model to predict the rating based on the review description

- Cleaned data using NumPy and pandas, analyzed sentiment distribution of reviews using TextBlob
- Built model using logistic regression with **Accuracy(0.68)**, **Precision(0.61)** and **F1-Score(0.63)**

Data Scientist's Salary Prediction

Objective: To Explore the dataset and predict the salary of the Data Scientist by building a Machine Learning model.

- Performed EDA, Feature Engineering using NumPy, pandas and seaborn
- Built regression model using **Random Forest** Ensemble Technique with an **RMSE** of **17.637**

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — *Master of Technology in Industrial Engineering and Management*
AUGUST 2022 - MAY 2024 **CGPA – 8.73*/10**

JNTUH College of Engineering Hyderabad, Hyderabad — *Bachelor of Technology in Mechanical Engineering*
JULY 2017 - JULY 2021 **CGPA – 8.21/10**

Sri Chaitanya Junior Kalasala, Hyderabad — *Intermediate (12th)*
JUNE 2016 - MARCH 2017 **PERCENTAGE – 97.1%**

Gowtham Model School, Warangal — *10th standard*
JUNE 2014 - MARCH 2015 **CGPA – 10/10**

SKILLS

- Python (NumPy, Pandas, Matplotlib, Scikit-learn)
- Machine Learning, Deep Learning
- SQL, MS Excel, Power BI, Git
- HTML, CSS
- AutoCAD, Solid Edge, Ansys

ACHIEVEMENTS

- Secured **98.39 percentile** in **GATE** (Mechanical Engineering) 2022, conducted by **IIT Kharagpur**
- Awarded HackerRank **5-star** Gold Badge in **SQL** & **Python**

POSITIONS OF RESPONSIBILITY

- **Core Member** of **QUAERERE - Analytics Club**, DMS, **IIT(ISM) Dhanbad**
- **Technical event organizer** for department fest CONNAISANCE at JNTUHCEH
- **Class Representative**, B.Tech-JNTUHCEH

KEY COURSES TAKEN
- Machine Learning, Statistics, Business Analytics lab
- Advanced Decision Modelling

EXTRACURRICULARS
- Movies, Badminton, Photography