ROHITH MORA

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

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EXPERIENCE

Executive Engineer Trainee – Designs.

MTAR Technologies Ltd. - SEPT 2021 – APRIL 2022.

Preparation of ball screw and ball nut drawings, design calculations of ball screw loads and other parameters and preparation of process plans of ball screws using AutoCAD, Solid Edge software tools.

PROJECTS

- **IPL – First innings score prediction.**
  - ➢ Dataset regarding the IPL tournament is collected from Kaggle.
  - ➢ Cleaning the data and selection of features for accurate score prediction done using various python libraries.
  - ➢ Use of different Machine Learning techniques to build best performing model.

- **IBM – Data Analyst Capstone Project.**
  - ➢ Collecting data from the internet by web scraping and using web API's.
  - ➢ Cleaning the data and performing EDA.
  - ➢ Building Dashboard using IBM Cognos Analytics to show the results.

- **Heat transfer analysis of engine cylinder fins by varying geometry and material.**
  - ➢ Design of engine cylinder fins of different geometries and heat transfer analysis of those geometries using different Al alloys.
  - ➢ Comparison of performance of above models under similar boundary conditions using Ansys workbench for simulation.
  - ➢ Results obtained in the analysis of different models are compared using temperature and total heat flux contours.

EDUCATION

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

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

Sri Chaitanya Junior Kalasala, Hyderabad—
Intermediate
JUNE 2016- MARCH 2017   **Percentage – 97.1%**

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

SKILLS

- **Programming Languages:** C, Python
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **Data visualization:** Power BI
- **Others:** Machine Learning, MS Excel, Git, Jira, MS project, AutoCAD, Solid Edge, Ansys

EXTRACURRICULARS

- Photography, Cricket
- Member of QUAERERE - Analytics Club, DMS, IIT(ISM) Dhanbad
- National Social Service (NSS) volunteer.
- Technical event organizer for department fest at JNTUHCEH.

AREAS OF INTEREST

- Data Science
- Data Analytics
- Machine Learning
- Web Development