

Mohammed Riyan

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CAREER OBJECTIVE

Determined artificial and data science student with a deep passion for Machine learning and quantum computing. I am eager to leverage my skills and knowledge by Quick learning. Committed to expanding my expertise by making impactful contributions to the space industry.

WORK EXPERIENCE

Junior Machine Learning Executive

Jan 2025 - Present

ULOG3(Satellite Industry), Chennai

- Worked on and implemented more than 2 machine Learning models with a focus on satellite image processing while in college
- Worked with image processing team in deriving insights from satellite information and information system intelligence
- Meet and exceeded a project output accuracy of 90% for high performance analytics solutions
- Acquired practical experience with real-world satellite datasets for optimizing models

EDUCATION

B.Tech,

2024 - 2028

Chennai Institute Of Technology

Percentage: 70.30%

PROJECTS

[Orientation-Based Flight Stability Analysis Model ↗](#)

Mar 2025

This Project Is Centered On the Analysis of Satellite Stability Through orientation angle data.. I created a Machine Learning Model For This Purpose With hands-on practice of real-time satellite datasets.. I also designed and incorporated new features in the output data based on the orientation angle.. The Model Performed Above 90% Accuracy

[Atmospheric Layer Classification Model ↗](#)

Mar 2025

In this Project, I worked on determining the layer of the satellite in. I created a Machine Learning model which can determine the Atmospheric Layer using altitude data.. The status of the atmospheric layer of the satellite is being updated in the datasets once the model is being executed.. The Model Performance Above 90% accuracy

[Zomato Style SQL Database ↗](#)

Apr 2025 - Present

My first hands-on experience with SQL through building a Zomato-style database. Currently a work in progress..

SKILLS

- | | | |
|--------------------------|------------------|----------------------|
| • Python | • SQL | • Project Management |
| • Research and Analytics | • Data Analytics | • Pandas |
| • NumPy | • Matplotlib | • Leadership |

EXTRA CURRICULAR ACTIVITIES

- In my School Days, I conducted more than two seminars.
- A researcher
- A Quick Learner,
- A Chess player,
- Puzzle Solver(such as Rubik's, Sudoku etc..)
- I Balance both my physical and mental fitness