

# MOHAMMED RIYAN H

AI/ML Developer | Space & Quantum Computing Enthusiast

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## SUMMARY

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.

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## WORK EXPERIENCE

**Researcher** - Independent Projects

Currently researching the development of **Chips** and **Spaceships**, with a focus on **Quantum Computing**, AI-based space tech applications, and geospatial analysis tools.

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## CERTIFICATIONS

- Introduction to Neural Networks
  - Data Science Foundations(CISCO)
  - Introduction to Hardware(CISCO)
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## PROJECTS

**Orientation-Based Flight Stability Analysis Model**

Achieved 90%+ accuracy in predicting flight stability using satellite sensor data.

**Atmospheric Layer Classification Model**

Achieved 90%+ accuracy in classifying atmospheric layers based on pressure and altitude data.

**Custom Zomato-like Database System**

Built a SQL-based restaurant recommendation system from scratch to optimize data querying and user preference filtering.

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## ADDITIONAL INFORMATION

**Technical Skills:** Python, MySQL, Pandas, NumPy, Matplotlib, GIS (Basic), Remote Sensing (Basic)

**Soft Skills:** Creative Problem Solving, Critical Thinking, Teamwork, Adaptability

**Languages:** English (Fluent), Tamil (Fluent), Japanese (Basic)

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## EDUCATION

**Chennai Institute of Technology**

B.Tech Artificial and Data Science - 1<sup>st</sup> Year