





## Rithick R

AEROSPACE ENGINEER

### Details

 rithick083@gmail.com

 +91-8197403137

 14<sup>th</sup> September 1999

 Bengaluru, INDIA

### Skills

MSC Nastran



MSC Patran



Altair Hypermesh



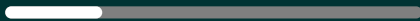
Ansys WB (Fluent, APDL, Structure)



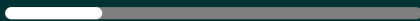
Catia V5



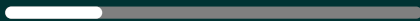
MATLAB Programming



Python



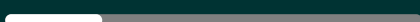
VBA



MS - Word, Powerpoint and, Excel



Unigraphics (UG NX)



### Career Interests

- Aircraft Structural Design & Analysis
- Stress Engineering
- F&DT Analysis
- Finite Element Analysis
- Flight Performance, Physics and Mechanics
- CFD

### Profile Summary

"As a recent graduate with a Master's degree in Aerospace Engineering, specializing in Aerospace Structures, I am passionate about contributing my knowledge and enthusiasm to the aerospace industry. My academic foundation and specialization have equipped me with a good understanding of aerospace structures and structural analysis. I aim to contribute my technical proficiency and dedication to advance the field and play a pivotal role in shaping the future of aerospace structural analysis."

### Experience

#### **Project Intern, CSIR – National Aerospace Laboratories, Bengaluru, INDIA**

October 2022 – July 2023 (10 Months)

- Worked in Structural Technology Department (STTD) under the guidance of a senior principal scientist
- Primary projects involved the generation of fatigue load spectra and conducting F&DT analysis for the fuselage-wing attachment lug joint in FAR Part 25 transport category aircraft.

### Education

#### **M.Tech – Aerospace Engineering, NMIT, Bengaluru, INDIA**

December 2021 – September 2023

CGPA: 9.63

#### **B.E – Aeronautical Engineering, MITE, Mangalore, INDIA**

August 2016 – August 2020

CGPA: 7.74

### Certifications

- NPTEL online certification for completing a 12-week course on "**Aircraft Design**" during Jan-Apr 2023.
- Online certification Course On "**Satellite Photogrammetry and its Application**" Conducted by IIRS, from 29th May 2020 to 3rd June 2020.
- 4-month certification course in "**Hydraulics and pneumatics**" by BOSCH Rexroth.

### Conferences and Publications

- Presented the paper entitled "**Generation of fatigue load spectrum for fuselage component using aircraft mission profile data**" as a first author at the ICMSS 2023 held on 27-28, March 2023. (Yet to be published)

### Achievements

- Engaged in numerous dance competitions and cultural events throughout my Pre-University College (PUC) education.
- Achieved the distinction of being awarded the Student of the Year accolade during my 2nd year of PUC.
- Actively took part in and garnered recognition for my prowess in English essay writing during my PUC education.
- Twice participated in the TCS-organized national-level IT quiz and secured victories on both occasions.

*"I solemnly declare that the information in this resume is true, accurate, and complete. I am committed to contributing my skills and dedication to the success of the organization."*

Signature with date