# PROFILE



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03/12/2001

**EXPERTISE**

Project Management and Team Collaboration

CAD Software Proficiency - CATIA V5

Aircraft Design and Analysis - MSC PATRAN,ANSYS

Proficient in both C++ and C programming languages.

Skilled in utilizing Microsoft Office suite, including Excel, Word & PowerPoint

**EDUCATION**

**BACHELOR'S DEGREE - AERONAUTICAL ENGINEERING,** EAST WEST COLLEGE OF

ENGINEERING, BANGALORE

2019 - 2023 - 7.53 CGPA

**PRE-UNIVERSITY - PCMC** CARMEL PRE-UNIVERSITY COLLEGE, BENGALURU

2016 - 2019 - 65%

**LANGUAGES**

English Spoken & written Hindi Spoken & written Kannada Spoken & written Urdu Native language

Tamil Spoken

"A creative individual with a collaborative approach and collegiate skills seeking an engineering position in an innovative and competitive environment where I can utilize my skills to the company's advantage while having the scope to develop my skills."

# INTERNSHIPS

### BAIL(BANGALORE AIRCRAFT INDUSTRIES PVT LTD) - 21st AUG 2023 - 02nd SEP 2023

DESIGN AND DEVELOPMENT OF AIRCRAFT STRUCTURAL COMPONENTS

 Collaborated with the engineering team to design and analyze various structural components, including wings.

 Utilized Computer-Aided Design software CATIA V5 to create detailed 3D models of aircraft structural components.

 Participated in the prototyping and testing phase.

### HAL (HINDUSTAN AERONAUTICS LIMITED) - 20th SEP 2022 - 19th OCT 2022

ALH RADIO AND INSTRUMENTS DIVISION

 Learned the art of crafting wiring looms, from selecting the right materials and connectors to following precise wiring diagrams and routing techniques.

 Observed quality checks and inspections to ensure that each wiring harness meets rigorous safety and performance standards.

 Observed the installation of wiring looms within aircraft

 Understood the importance of proper routing, securing, and connection.

# PROJECTS

**FINITE ELEMENT ANALYSIS ON ARMS OF MULTIROTOR UAV**

TEAM MEMBERS: 04

 Experience in designing and analyzing UAV frames, with a focus on multirotor arms.

 Used FEA to assess loads and vibrations, optimizing design for strength and durability.

 Expertise in FEA, aerodynamics, and gravity ensured safe and efficient UAV operation.

**DEVELOPMENT AND FABRICATION OF FATIGUE TESTING MACHINE -** TEAM MEMBERS: 04

 This project deals with the agenda of designing and fabrication of fatigue testing machine determine the strength of materials under the action of fatigue load.

 Specimen are subjected to repeated varying forces or fluctuating loading.

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**SOFT SKILLS**

Collaborative approach Planning and Coordination Leadership

Adaptability Attention to detail

## ACS JOURNAL FOR SCIENCE AND ENGINEERING

Presented Journal on the Main Project at the 3rd National Conference on Recent Trends in Aerospace Technology (NCRTAT 2023)



 REF: https://acsjse.in/index.php/acsjse/article/view/57

# CERTIFICATIONS

### GE AEROSPACE - 02nd AUG 2023

 Energy source design and performance implications  Effects of compression and bypass ratio

## JMA - 27TH MAY 2023

 Applications of drone in windmill inspection and technology

## GREAT LEARNING - FEB 2023

 CATIA Basics

## AQMENZ AUTOMATION PVT LTD - MAY 2022

 Python Coding with Application Projects and Solutions