GOWTHAM R

A dedicated 6th-semester Aerospace Engineering student at BMS College of Engineering seeking a two-month internship opportunity to apply my technical skills and gain practical experience in the aerospace industry. I am looking forward to contributing to innovative projects and further developing my engineering expertise.

Educational Background

BE in Aerospace Engineering

BMS college of engineering   CGPA - 8.2
Dec 2021 - Present(6th sem)

12th (CBSE)

Rashtrotthana Vidya Kendra   Percentage- 90%
may 2019 - June 2021

High school (SSLC)

GHS saneguruvanhalli   Percentage- 92%
March-2019

Work Experience

Intern, Hindustan Aeronautics Limited (HAL)

March 2023 - April 2023
Completed a internship at HAL Aircraft Division, recieved knowledge into the design and manufacturing processes of fighter aircraft.
Acquired hands-on experience in aircraft design and manufacturing, including Surya Kiran aircraft landing gear , CNC machines working
Developed a solid understanding of industry-standard practices and procedures through practical exposure and mentorship from experienced professionals at HAL

PROJECTS

Aerodynamics of a cricket ball using using CFD and Machine learning

12/2023 - under going
Building a machine learning models and train the model data obtained from the CFD and predict the side force acting on a cricket ball

Portfolio webpage

Built a front-end responsive portfolio website using HTML , CSS and JAVA-SCRIPT

Youtube video downloader

Developed a Python and Tkinter-based YouTube video downloader using a simple interface for downloading videos from YouTube via URL input.

Contact

- gowtham.se21@bmsce.ac.in
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- 77676736779
- Linkedin

Skills

- Computational fluid dynamics(CFD)
- Python
- C/C++
- Front-end web development
- Java
- Machine learning (basics)
- solid works

Certification Courses

- Crash Course on Python: Coursera Certificate
- The Complete Java Development Bootcamp: Udemy Certificate

Role and Responsibility

Jounior co-ordinator
BMSCE Utsav cultural fest
Augment AI
member of technical team of AI club
Upagraha (Bmsce Satellite)
Member of payload subsystem

Languages

- English(fluent)
- Kannada(fluent)

Interests

- Throwball
- Singing
- Kho-Kho
- Coding