


NAVEEN KUMAR N C

B E-AERONAUTICAL ENGINEERING

ABOUT ME

Highly motivated and technically proficient enthusiast seeking to embark on an exciting career journey with a dynamic and innovative tech company. Eager to contribute my passion for technology, problem solving skills and eagerness to learn in a collaborative and growth-oriented environment.

 7090873294

 kumarncnaveen@gmail.com

EDUCATION

BACHELORS OF ENGINEERING - AERONAUTICAL ENGINEERING

DEC 2020 - AUG2024

- DR AMBEDKAR INSTITUTE OF TECHNOLOGY
- BENGALURU
- CGPA-7.06

PUC

Jun 2018 - March 2020

- SUJALA PU COLLEGE
- HASSAN
- 76.66%

SSLC

Jun 2016 - March 2028

- SWARNA HIGH SCHOOL
- HOLENARASIPURA
- 81.76%

TECHNICAL SKILLS

- CATIA V5
- SOLID WORKS
- AUTOCAD
- BASIC NX CAD
- ANSYS

SOFT SKILLS

- Time management
- Communication
- Critical thinking
- Analytics
- Seo
- Communication
- Project management

WORK EXPERIENCE

WINMAX INDUSTRIES

BENGALURU

GRADUATE ENGINEER TRAINEE

MARCH -2024 PRESENT

- Machined aerospace engine parts and Sheet metal assemblies.
- Strategic project handling & Increase Capacity based on customer requirements.
- Optimizing Process and product Efficiencies.
- Development and maintenance of manufacturing plans & processes,
- Bill of Materials, work instructions and SOP. Six Sigma, and root-cause analysis.
- Design and Development of New Products as per customer requirement.
- Preparation of Part Model and 2D Drafting using 3D software like Solid Works and Catia v5

ACADEMICS PROJECTS

BIRD DETECTION AND COLLISION AVOIDANCE SYSTEM OF AN AIRCRAFT

Developed this project using ArduinoTechnology

- Designed and implemented a bird detection and collision avoidance system for aircraft using Arduino technology. Integrated sensors and real-time data processing to detect and alert pilots of bird presence, enhancing flight safety. Demonstrated proficiency in hardware integration and system development for aviation applications.

TRANSIENT DYNAMIC ANALYSIS OF COMPOSITE WING STRUCTURE FOR HGH SPEED IMPACT

Developed this Project using CATIA v5 and ANSYS

- Conducted transient dynamic analysis of composite aircraft wing structure under high-speed impact conditions using FEM software like Abaqus. Evaluated stress, displacement, and damage to optimize structural design and ensure safety compliance. Applied advanced material modeling techniques to simulate and predict dynamic responses accurately.