

# ANISH KHAN

## AERONAUTICAL ENGINEER



[9166166679](tel:9166166679)



[anish.khan1997@gmail.com](mailto:anish.khan1997@gmail.com)



[linkedin.com/in/anish-khan-21362717b](https://www.linkedin.com/in/anish-khan-21362717b)

### OBJECTIVE:

To obtain a challenging profession and strive for excellence with dedication, positive attitude towards work. Willing to work as a key player in team that dynamically works towards the growth of the organization.

### PROFESSIONAL SUMMARY:

Dedicated Aeronautical Engineer (B.Tech) also a diploma holder in Aircraft Maintenance Engineering. Having experience in project management, design and project handling. Skilled producer of documentation and drawings associated with aeronautical and mechanical engineering.

### EXPERIENCE:

#### **Researcher (Apprenticeship), Orbitx India aerospace Pvt. Ltd: (Oct 2022 - Jun 2023)**

- Designed parts CAD drawings and did modifications as per project requirements.
- Mainly work on Aerodynamic of Reusable Launch Vehicle.
- Working on the conceptual design of an innovative idea to maximize aerodynamic performance.
- Modeling the product from the concept sketches/ideas.
- Working on various thermal and mechanical analysis.
- Conduct CFD and stress analysis by using right modeling techniques and making right assumptions.
- Analyzing the airflow around vehicle for aerodynamic drag reduction using add-ons. Aerodynamic analysis and optimization of rear fins and its effect on aerodynamics analyzed.
- Performed finite element meshing and applied boundary, solution methodology, dynamic mesh model input and troubleshoot solver convergence problems.
- Plotted curves and graphs of result data using data analysis tool for pressure distribution and velocity distribution.
- Maintain detailed reports for every research and development project.
- Work experience in CAD and CAE Tools like CATIA V5, AutoCAD, ANSYS and HYPERMESH.

#### **Aircraft design Trainee (intern), Hindustan Aeronautics Limited: (Jun 2019 - Jul 2019)**

- Work on project "CFD analysis high speed air intake geometry".
- Designed 3D CAD model of "S-duct" intake.
- Work on CFD analysis on high-speed air intake geometry.
- Mainly understood the various steps for solve and analyze problems using ANSYS software. Prepare project reports and technical notes.
- Software used CATIA V5, AutoCAD and ANSYS.

### EDUCATION:

- B-tech in Aeronautical Engineering from School of Aeronautics Neemrana affiliated with Rajasthan Technical University Kota. (2021)
- Completed diploma course of AME (Aircraft Maintenance Engineering) in Avionics stream from School of Aeronautics (Neemrana) approved by DGCA, Govt. of India. (2019)
- High schooling from Kendriya Vidyalaya affiliated with Central Board of Secondary Education. (2016)

## **SKILL'S:**

- Software technical proficiencies: AutoCAD, CATIA, ANSYS Workbench, ANSYS Fluent, HYPERMESH.
- Good working knowledge of MS Excel, MS PowerPoint, MS Word.
- Active listening and critical thinking skills for determining clients need and implementing plans to make them reality.
- Affinity for identifying the underlying principles affecting situations, which leads to less time brainstorming and more actively building workable solutions.
- Ability to quickly assimilate new skills, software, technologies.
- Helping the team with problem solving, creative thinking and leadership qualities.
- Strong analytic problem solving skills and experience working with tight timing constraints.
- Excellent written and oral communication skills

## **CERTIFICATE:**

- Second INAE Youth Pre-Conclave 2018 conducted at IIT KHARAGPUR.
- CAE Fundamentals (Computer Aided Engineering) at ESSS Institute.
- 4-week Internship at Orbitx India Aerospace, Jaipur, Rajasthan.
- 6-week internship from Hindustan Aeronautics Limited, Nashik, Maharashtra.
- Participated in “Aero Techno Cultural Fest” organized by aeronautical engineering department at School Of Aeronautics, Neemrana.
- Participated in “The 67th Milestone’19” at BML Manjal University.

## **PERSONAL INFORMATION:**

NAME	-	ANISH KHAN
SEX	-	MALE
FATHER’S NAME	-	MOHAMMED ILIYAS KHAN
DOB	-	16 MAY 2000
PASSPORT NO	-	U7139499
LANGUAGES	-	ENGLISH, HINDI
CONTACT ADDRESS	-	2171, 5TH A CROSS RD, 5TH PHASE, HAL 2ND STAGE, KODIHALLI, BENGALURU, KARNATAKA 560008

## **DECLARATION:**

I hereby declare that all the information given above is current and accurate to my knowledge and I take full responsibility for it.

**ANISH KHAN**