



## PROFESSIONAL SUMMARY

Experienced and detail oriented Aeronautical Design and Analysis engineer with overall 7 years of experience in Product development and analysis of Aircraft/Mechanical parts, Products and Assemblies. 3 years in CMM operation and function. Knowledge in CAD Migration tools as well. Committed to driving growth and fostering a culture of creativity and innovation.

## CONTACT

### PHONE:

+91 9894739633

### Location:

Marathahalli, Bangalore

### EMAIL:

jenishmohan@gmail.com

**Total Relevant Experience:** 7 years in CAD/CAE/CFD domain, CMM function, CAD Migration and in GD &T concepts.

**Notice Period:** 15 Days

# JENISH MOHAN M

Aeronautical/Mechanical (CAD/CAE/CFD/CMM/CNC and CAD migration) – Engineer (Design and Simulation/Analysis/Manufacturing and Inspection)

## EDUCATION

### **Madha Engineering College, Anna University, Chennai.**

Bachelors in Aeronautical Engineering. Year of completion 2011  
Completed degree with first class and above 60% marks.

### **Park college of Engineering and Technology, Anna University, Coimbatore.**

Masters in Aeronautical Engineering Year  
of completion 2015.  
Completed degree with first class and above 60% marks.

## WORK EXPERIENCE

### **CADD CENTER PVT, LTD. Bangalore – CAD/CAE/CFD – Trainer/Engineer**

Joined February – 2016 / End date – October 2021

- Working on CAD/CAE/CFD softwares and training students/ working professionals on Softwares.
- Working on PLM, PDM and the new concepts about product development and also in CAD migration tools (Elysium CAD feature)
- Developing projects on software integration with automation and other latest technologies available in the market.
- Solving Analysis projects by using Ansys, Hyper works, Ansys fluent and Nastran.
- Good Knowledge in **CMM** operation/Function and its integration to CAD Software tools e.g. CREO.

### **GENSER AEROSPACE PVT, LTD. Bangalore - CAD/CAE/CFD - Engineer.**

Joined August – 2022 / End date – November 2023

- Good and excellent knowledge in Aircraft 2D and 3D structural design.
- Good understanding of GD & T Principles and manufacturing methods.
- Good knowledge in drawings instructions, specifications, documentations and in aircraft systems.
- Hands on experience in Engineering Drawing reading.
- Excellent knowledge in Aircraft structural analysis using ANSYS

- and HyperWorks.
- Good knowledge of Drawing Standards and Layouts
- Using CAD modeling tools to design and improve systems meeting FAA standards
- Experience in applying advanced techniques to design components for commercial aircrafts.
- Good knowledge in PLM software like ENOVIA and Teamcenter.

**Current Company:** Cad Desk India PVT. Ltd, Joined December 2023.

**Roles and Responsibilities in CAD DESK, PVT Ltd.**

- Preparing Part/Surface/Assembly models
- using CAD soft wares for analysis and simulations
- Training students/Employees and Working professionals in CAD/CAE/CAM domain and about PLM/PDM
- Working on projects of CAD Models, which includes Part features, Surface features, sheetmetal, Render tools and Weldments.
- Preparing Notes and working on different Structural analysis of Airframe components and Mechanical Parts/components.
- Study of different Ansys systems like Linear, Non-Linear, Thermal, Buckling, Modal, Explicit dynamics, Fatigue and Rigid dynamics analysis.
- Working on the latest development in CAD softwares and its application in different sector of the industry.
- Working on the latest technology of Aerospace, Automotive and Heavy Machinery industries.

## Skills Acquired

- **CAD softwares** - CATIA V5/V6, Solid works, NX CAD, Creo, Fusion 360, Inventor and Solid edge.
- **CAE Softwares** – Ansys Workbench, **Hyperworks**, **NS Nastran**, **Matlab** and **Star CCM+**
- **AutoCAD** Drafting, Engineering drawing according to given standards e.g. ISO, ANSI.
- GD & T Concepts and its application on Part, Assembly drawings.
- Welding Design Symbols, Surface Finish Symbols and its application in the Drawings.
- Good Knowledge in CMM (coordinate Measuring Machines), with work experience of around 3 years.
- Knowledge in CAD Migration tools like **Elysium CADfeature**, for transfer of CAD Model parts, Assemblies, 2D drawings from one CAD tool to other CAD tool.