M.GANESAN

✉ ganeshmb7397@gmail.com   📞 7397141836   📍Chennai

CAREER OBJECTIVE:

Aspiring and dedicated Mechanical Engineer with hands-on experience in CATIA V5, Specializing in 3D modelling, drafting, and design of automotive components. Seeking a challenging position in a dynamic organization where I can apply my technical knowledge, CAD skills, and passion for design to contribute effectively to product development and continuously grow in the field of mechanical design engineering.

EDUCATION:

BE– Mechanical Engineering
GKM College Of Engineering &Technology   Aug2017– Jun2021
 CGPA: 7.65

HSC
Government Higher Secondary School   Jun2016– March 2017
Percentage: 73

SSLC
Government Higher Secondary School   Jun2014– March2015
Percentage: 88.2

EXPERTISE IN CATIAV5:

- Part Design
- Drafting and Detailing
- Surface Modelling
- Sheetmetal
- Assemblies &Detailing.
- Geometric dimensioning and tolerancing (GD&T)
- Boolean

LANGUAGES KNOWN: English, Tamil.

EXPERIENCE:

DESIGN ENGINEER - FUSION FORGE INNOVATION
April 2024 - Present

Project:

Title - Design and Development of Drive Shaft

- Designed and developed a complete 3D model of the drive shaft assembly using CATIA V5, covering universal joints, flanges, and yokes
- Applied tolerance stack-up analysis in drive shaft assembly to ensure fit, form, and function.
- Re-mastered legacy non-parametric models into fully parametric CATIA V5 parts, reducing future modification effort.
- Created detailed 2D manufacturing drawings with GD&T, improving accuracy and minimizing rework.
- Hands-on experience in Surface Modelling, including Trim, Join, Sweep, and Fillet commands for developing complex shapes.
- Modelled key driveline components such as universal joints, flanges, and yokes with precise alignment considerations.
- Collaborated with cross-functional teams to validate design intent and improve manufacturability.

TATA CONSULTANCY SERVICES (TCS)-ASSISTANT SYSTEM ENGINEER
May2022– March2024

- Successfully completed Initial Learning Program (ILP) focused on software fundamentals, system concepts, and workplace professionalism.
- Completed multiple digital learning courses (ION, Udemy) on project lifecycle, teamwork, and productivity tools.
- Part of internal deployment pool, actively engaged in knowledge-sharing sessions and upskilling.
- Gained exposure to corporate discipline and multi-team collaboration.

DECLARATION:
I hereby declare that the above information by me is true, accurate and up to date to best of my knowledge.

Place: Signature
Date: (M. Ganesan)