

## **Job Title**

### **Mechanical Engineer**

#### **Job Requirement -1**

- Bachelors or Masters Degree in Mechanical Engineering, Engineering Mechanics
- At least 2 to 3 years of Experience in the same field
- Proficiency with engineering design and analysis software
- CAD tool: UG (Unigraphics NX)
- Good in Engineering basics
- Good Learnability
- Manufacturing basics
- Good Reading, Writing and Speaking Skills - English language skills
- Knowledge of Japanese will be an advantage

#### **Job Requirement -2**

- Bachelor's Degree with **2-4** years relevant experiences in CAE field in automotive/aerospace/industrial domain
- Master's Degree in Mechanical / Thermal / Automobile / Machine Design with **1-3** years in CAE preferred

#### **Job Description** :

- To perform FEA simulations – static and Dynamic (Harmonic and PSD) simulation of various automotive and industrial applications using ANSYS/ABAQUS and Hypermesh
- Additional exposure using simulation tools such as MATLAB preferred
- Good basic level knowledge in FEA methodology, design calculations and validation and interpretation of FEA analysis results is required.
- Ability to perform theoretical calculations and interpret simulation results.
- Good FE Meshing skills in Hypermesh & Ansys / Abaqus is required.
- The job requires good understanding of physics, geometry clean up, Hex, tet and shell meshing, boundary conditions set up, solver, post processing and analyzing the results, presentation and discussion of results with customers.
- Adhering to quality, preparing and maintaining quality documents, ensuring quality and on time delivery as per customer's expectations.
- Updating the skills regularly to take up additional responsibilities.
- Domain knowledge in automotive would be added advantage
- Expertise in Thermo-mechanical analysis would be an added advantage
- Good written communication skills in English
- Good spoken English language skills along with exposure to interaction with global customers is preferred
- Knowledge of Japanese will be an advantage