

Job Description for Mechanical Engineer:

Educational qualification:

- B.E/ B. Tech Mechanical graduated in 2024 with no prior work experience

Roles and Responsibilities:

Analysis & Simulation Team:

1. Structural/Thermal analysis of mechanical components using classical hand calculation and FE analysis tool (ANSYS, HyperMesh, Abaqus & OptiStruct)
2. FE modeling (2D & 3D) of mechanical components using FEA tools
3. Perform Linear and non-linear static analysis to assess strength, stability and Durability of components.
4. Perform damage tolerance analysis to estimate fracture life.
5. Perform steady state and transient thermal analysis
6. Prepare analysis summary presentation and reports
7. Co-ordinate with customers to understand scope, collect inputs and deliver results.

Design Team:

Roles & Responsibilities:

- Perform mechanical design of Mechanical components using conventional hand calculations
- Perform stack-up analysis & design hand calculations
- Provide design recommendations to solve non-conformances on product quality
- Creation of complex 3D Modeling, Assembly & Drafting in appropriate CAD tools
- Creation of manufacturing drawings for Casting, machining and sheet metal components
- Interact with customer as needed on task status at a technical stand-point

Required Skills:

- Sound knowledge in Mechanical design fundamentals, Engineering concepts and applications
- Modeling, drafting and assembly knowledge in any of the CAD tools NX-Unigraphics, CATIA, CREO & SOLIDWORKS
- Knowledge of GD&T application and Tolerance stack-up analysis
- Good analytical and problem-solving skills
- Effective communication and interpersonal skills
- Good customer interfacing skills
- An excellent team player

Compensation:

- B.Tech: Gross Compensation- INR **4,20,000** per annum (Fixed CTC- INR **3,80,000** +Deferred Bonus – INR **40,000**)
- Training Investment Recovery- INR 75,000 to be paid by candidate if they leave with in 1 year of DOJ.

Benefits

- You are eligible for annual leaves as per Cyient policy
- Subsidized office transportation

Potential Career Path:

- After gaining experience on domain, tools, applications and multiple projects, you would have the potential to lead a team or play a key role as subject matter expert

Work Shifts:

- General shift – 09:00 AM to 06:30 PM

Working days:

- Monday to Friday. Occasionally there may be a need of additional work on weekends based on project demand

Mode of work:

- Work from office (may vary based on management discretion).

Documents to be produced for joining:

- Educational copies (from SSC to Highest Degree)
- Individual memos or Consolidated marks memo
- Provisional certificate
- AADHAAR(full) card
- PAN card
- Passport
- Passport Size Photograph

People falling under below categories are not eligible

- Less than 60% throughout the education
- Who have prior work experience / currently working
- Who don't have all their educational certificates (from SSC till highest education)
- Undergone the selection process for any other position with Cyient in last 3 months