

FEA Engineer - Mechanical Engineering

Your tasks

We are seeking a detail-oriented and analytical FEA Engineer specializing in Mechanical Engineering to join our team in Nyíregyháza, Hungary.

In this role, you will be responsible for conducting complex finite element analysis to support the design and development of mechanical systems and components.

- Perform finite element analysis (FEA) on mechanical components and systems using advanced software tools
- Develop and validate FEA models for structural, thermal, and fatigue analysis
- Collaborate with cross-functional teams to optimize product designs based on FEA results
- Analyze and interpret simulation results to provide engineering recommendations
- Create detailed reports and presentations to communicate findings to stakeholders
- Stay up-to-date with the latest FEA techniques and industry best practices
- Troubleshoot and resolve complex engineering problems using analytical skills
- Contribute to the development of FEA standards and procedures within the organization

Your profile

- Bachelor's degree in Mechanical Engineering or related field; Master's degree preferred
- 3-5 years of experience in FEA and mechanical engineering
- Proficiency in FEA software such as ANSYS, Abaqus, or similar tools
- Base skills in CAD software like SolidWorks or CATIA
- Experience with programming languages such as Python or MATLAB
- Demonstrated expertise in structural analysis, thermal analysis, and fatigue analysis
- Strong mathematical and analytical skills with a keen eye for detail
- Excellent problem-solving abilities and efficient work habits
- In-depth knowledge of mechanical engineering principles and practices
- Understanding of material properties and behavior in various conditions
- Familiarity with industry standards and regulations relevant to mechanical engineering
- Strong organizational skills and ability to manage multiple projects simultaneously
- Excellent communication skills, both written and verbal, in English

Our offer



Job ID
REF91517F

Location
Nyíregyháza

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
ContiTech Magyarország Kft.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

ContiTech ist ein weltweit führendes Unternehmen von Gummi- und Kunststoff Komponenten für die Industrie.