

# Structural Analysis Engineer (m/f/d)

COMMITTED TO THE SKY - The passion to go beyond existing horizons defines our company. Innovative lightweight solutions for the aerospace industry are and will remain our core business. We find new ways and solutions for the fields of Aviation, Urban Air Mobility and Space through our commitment and competencies. FACC offers both career starters and people with professional experience varied and exciting positions.

## Your responsibilities:

- ✈ Preliminary holistic evaluation of the design from a structural perspective: structural soundness, load-paths, interfaces, joints, etc.
- ✈ Preparation of Finite Element Models (FEM) mostly for Nastran, starting from a CAD file (Abaqus and/or Ansys is a plus)
- ✈ Execution of structural analysis with FE and analytical methods (composite, metal)
- ✈ Carrying out modal analysis, stability analyses, fatigue calculations, etc.
- ✈ Preparation and controlling of stress reports for certification
- ✈ Support for preparation of documentation and follow-up of component and sub-component tests
- ✈ Support of material test campaigns and allowable generation by statistical means
- ✈ Assessment of the usability of components subject to manufacturing deviations in accordance with FACC's internal and/or customer specifications, preparing dispositions
- ✈ Determination and verification of permitted and repairable damage , as well as suitable repair methods based on calculation and tests
- ✈ Reporting the status of the work, solutions, as well as possible problems to the supervisor
- ✈ Continuous learning and implementation of the evolving technological possibilities

## Your profile:

- ✈ Technical university or university of applied sciences degree (Master, DI(FH), DI) in the fields of aeronautics, or mechanical engineering.
- ✈ Good understanding of structural mechanics and FEA
- ✈ Minimum 5 years aeronautical experience
- ✈ Hypermesh and Nastran as daily use, Abaqus and/or Ansys as a plus
- ✈ English (spoken and written), German is a plus
- ✈ High communication and coordination skills
- ✈ Hands-on mentality and entrepreneurial thinking
- ✈ Multitasking persons have a plus

## We offer:

- ✈ Highly flexible work times
- ✈ Happy Birthday: a free day for your birthday
- ✈ FACC Job Rad: Lease my bike
- ✈ Company canteen as well as lunch allowance
- ✈ FACC Bonuscard, many discounts and offers in regional stores
- ✈ Year-round childcare possibility
- ✈ Firm internal health program containing various activities and programs to promote health
- ✈ Strong and steadily growing company
- ✈ Diverse and international work environment
- ✈ Various regular further education and training
- ✈ Crew events/Team events

✈ Smart mobility: e-cars for carpooling

We are interested in you even if you do not fulfill the above skills and characteristics 100%. You are welcome to convince us of your motivation for further development in a personal interview. Our guiding principle applies here: credible willingness and a willingness to learn are more important to us than 100% ability.

If you want to make a difference in your day-to-day work as well as take part in our success, then we are looking forward to your meaningful job application, preferably by online form.

According to the GBG, we are referring to ladies, gentlemen and divers.

Your annual salary is based on your previous professional experience and educational level and ranges between € 48.000,- and € 75.000,- gross pa. full-time basis. If you exceed the requirements, we can adjust this scale. As an international company, FACC also offers interesting development opportunities and attractive social benefits.

#### At a glance

##### Job:

Structural Analysis Engineer  
(m/f/d)

##### Place of employment:

St. Martin im Innkreis

##### Job type:

Full time (38,5h / week)

## Your contact person:

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