



## JOB VACANCIES

INVENT GmbH is a leading specialist for lightweight structures allocated in Braunschweig (Germany). The mid-sized company was founded in 1996 as Spin-Off from the German Aerospace Centre (DLR) and manufactures high-precision structural components with a staff of about 80 qualified employees. Its main business areas are space, aeronautics and customer-specific applications. INVENT designs, develops and produces state-of-the-art spacecraft flight hardware for renowned customers since more than 16 years. The services range from initial ideas right through to series production with INVENT's in-house manufacturing chain and sophisticated structure assemblies. Expertise, reliability, flexibility, individuality and a focus on sustainable quality are the characteristics of the company which allow meeting the high demands of the market.

### Mechanical Engineer (m/f)

#### Job Profile:

The key focus of the job is the technical processing of aerospace projects. This includes interdisciplinary engineering activities related to design, analysis, materials and processes of lightweight structures (mostly fibre composites). Further on, project management as well as research activities may become applicable in mid-term.

#### Tasks Overview:

- Support and direct contact to customers and subcontractors
- Analysis & design activities of aerospace structures
- Selection of material, parts and processes
- Supervision of material characterization campaigns
- Evaluation of test results and elaboration of conclusions
- Preparations for manufacturing
- Elaboration of technical documentation

#### Minimum Qualifications:

- More than 2 years of engineering experience in development projects
- University degree, preferably with background in composites
- Experience in either material, analysis (FEM), design (CAD) or processes
- Knowledge in space flight hardware projects (not mandatory, but preferred)
- Knowledge about ESA ECSS standards (not mandatory, but preferred)
- Very good German & English in writing and speaking
- MS office S/W tools (minimum: Word, Excel, Power Point, Project)

#### We are looking forward to your application:

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