



We are looking for

## **Mechanical Design Engineer, Aerospace**

ALTHOM is a high performing service provider in the fields of Engineering, R&D, Tech data & Technical Documentation, Process, Methods and Tools consulting & development, with locations in Germany and Greece.

As a **Mechanical Design Engineer** you will join a cross-functional team of development engineers within our company, being in close cooperation with the client R&D group. Your key objective is to develop fully functional technical solutions for lightweight aircraft components, perform design changes and align with external and internal interfaces.

**Full time, in Patras, Western Greece**

### **Position Summary & Key Responsibilities**

- Develop technical solutions and concepts for complex aircraft parts, assemblies and mechanisms
- Analyze all mechanical design aspects of the equipment, subassemblies, and components
- Provide mechanical engineering expertise, while focusing on design quality, reliability, effective cost, and ease of manufacturing
- Produce design objects according to given design specifications
- Perform kinematic calculations for assemblies with moving parts/mechanisms
- Selection of aeronautical materials according to load range requirements, application, fatigue and service life criteria
- Preparation of documents for the qualification of materials and structures, definitions and methods of tests
- Verify and Validate multiple design configurations
- Interpret analysis results coming from simulation (FE) team
- Prepare presentations and reports of design concepts, methods, and test results for internal and external customers
- Participate in design reviews
- Document engineering change notes



### **Your Profile:**

- Degree in Mechanical Engineering (Msc/Meng, Bsc)
- 2+ years of experience in mechanical design/development positions
- At least 2+ years of experience with CATIA V5
- Able to perform both 2D and 3D design modeling
- Professional experience in the development, design, calculation, qualification and verification of components, preferably in aircraft structural systems
- Background in parametric 3D design
- Fair background in FE methods
- Excellent English oral and written communication skills, including specification development
- Knowledge of German will be considered as a strong plus
- Background in design of lightweight aeronautic components will be a plus
- Flexible and open minded with good communication skills
- Able to work under pressure and to meet the required deadlines

### **Additional Benefits & Perks:**

- Competitive remuneration package based on qualifications
- A vibrant, friendly, and highly motivating working environment
- Opportunities for training and professional development
- Opportunity to get involved in an applied industrial project dealing with cutting edge and disruptive technologies

If you are interested in applying for this position, kindly send your **CV in English** to [careers@althom.eu](mailto:careers@althom.eu) quoting **CATIA\_DEV** into the subject line.

All information received will be treated with strict confidentiality.