We are looking for

**Mechanical Design Engineer, Hydraulic Systems**

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.

We are seeking a skilled and experienced Mechanical Design Engineer specializing in high-pressure hydraulic systems. If you have a passion for engineering and a strong background in designing hydraulic components, we invite you to join our dynamic team.

**Position Summary & Key Responsibilities**

• Design and develop high-pressure hydraulic components and systems, ensuring compliance with industry standards and specifications.

• Create detailed 3D models, drawings, and assembly instructions using CAD software (SolidWorks preferred).

• Collaborate with cross-functional teams including R&D, manufacturing, and quality assurance to ensure successful product development and implementation.

• Perform feasibility studies and engineering calculations to ensure design integrity and performance under high-pressure conditions.

• Conduct design reviews, support in prototype assembly, integration, and testing, and provide recommendations for improvements and optimizations.

• Ensure compliance with regulatory requirements and industry best practices for safety and performance.

• Collaborate with suppliers and vendors to source appropriate materials and components.

**Your Profile:**

• Degree in Mechanical Engineering (BSc., Meng., Msc.) or a related field.

• Minimum of 2 years of experience in designing high-pressure hydraulic systems and components.

• Proficiency in CAD software, preferably SolidWorks, for 3D modeling, assembly, and drafting.

• Strong understanding of hydraulic principles, fluid mechanics, and industry standards.

• Knowledge of manufacturing processes and materials used in hydraulic systems.

• Familiarity with design analysis tools and techniques.

• Excellent problem-solving skills and ability to work in a fast-paced environment.

• Knowledge of German will be considered as a strong plus

• Effective communication and teamwork skills.

**Additional Benefits & Perks:**

* Opportunities for training and professional development, including on-site training in customer’s premises (Germany)
* A vibrant, friendly, and highly motivating working environment.
* Opportunity to get involved in an applied industrial project dealing with cutting edge and disruptive technologies.

We offer a competitive salary package, professional growth opportunities, and a collaborative work environment. In addition, we provide a range of comprehensive benefits to our employees, including private health insurance coverage, as well as opportunities for career advancement.

If you are a highly motivated and experienced design engineer, we encourage you to apply.

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

ALTHOM is an equal opportunity employer committed to diversity and inclusion in the workplace.

All information received will be treated with strict confidentiality.