



Our Company

The Test Systems & Development division of 4a engineering GmbH specializes in the development and manufacturing of highly advanced testing systems for the mechanical characterization of materials. Combined with our proprietary software solutions, these systems enable customers to gain a deeper understanding of material behavior under highly dynamic loading conditions—such as automotive crash events—and to create accurate simulation models for virtual product development. Through innovative technology and engineering expertise, we support our customers in developing safer, more reliable, and high-performance products.

Senior Software Developer / Full-Stack Developer (m/f/d)

To support our team, we are looking for a full-time Development Engineer (m/f/d) in Traboch.

As a Development Engineer, you will contribute across the entire product development lifecycle—from the initial (virtual) concept and technical sourcing to hardware validation testing and the delivery of the final product. Leveraging your expertise, you will play an active role in transforming innovative ideas into high-quality, customer-focused solutions.

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Your Profile

- completed technical education (HTL, University of Applied Sciences, or University) in Mechanical Engineering, Mechatronics, or a related field
- experience in mechanical design using SolidWorks and working with PDM systems
- knowledge of manufacturing-oriented and cost-efficient design of assemblies and systems

- basic understanding of electronics, frequency converters/inverters, data acquisition systems (e.g., National Instruments), and microcontrollers (e.g., Arduino)
- structured, independent, and self-motivated working style
- strong organizational skills and a solid technical understanding of the entire product development process
- excellent communication skills and enthusiasm for direct customer interaction
- willingness to travel domestically and internationally
- team-oriented, committed, and hands-on mentality with a proactive approach to problem-solving

Scope of tasks

- develop and optimize testing systems for the mechanical characterization of materials
- design components and assemblies using SolidWorks and maintain engineering data within the PDM system
- identify, develop, and implement technical improvements for existing systems
- select, source, and technically coordinate components and purchased parts with suppliers
- manage and coordinate external manufacturing and production processes
- assemble subassemblies and complete testing systems
- plan, perform, and evaluate validation and functional tests
- commission, deliver, and install testing systems at customer sites
- conduct customer training sessions and provide technical support
- support the sales team with technical expertise during customer projects and business development activities
- contribute throughout the entire product development lifecycle—from initial concept development to the final market-ready product
- collaborate closely with interdisciplinary teams to ensure innovative, reliable, and high-quality solutions for our customers

Benefits

- flexible working hours (flexitime, home office option)
- discounted lunch and free catering of fresh fruits and vegetables, as well as coffee

- ongoing training
- employee events
- company doctor
- weekly fitness classes & monthly yoga class
- company daycare for employees' children
- free parking and electric vehicle charging for private cars



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We are looking forward to your application!

4a engineering GmbH Industriepark 1 A – 8772 Traboch
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We offer a monthly gross salary in line with the market (Austrian IT & Consulting Collective Agreement), depending on individual qualifications and professional experience, of at least 3500 EUR (based on 40 hours per week)



I N P H Y S I C S W E T R U S T