



At **sera**, we are proud to inspire globally with innovative products and services. We are a medium-sized, family-owned business group with more than 300 employees internationally, based in 6 countries. Guided by strong values and a deep respect for people and the environment, we are in the process of transforming ourselves into a modern and competitive company.

As soon as possible, we would like to reinforce our team at our Headquarters in Immenhausen, Germany (on-site) with a

DOSING SYSTEMS DEVELOPMENT ENGINEER (M/F/D)

Would you like to help shape the future of drinking water and wastewater treatment? Then we want to meet you!

TASKS

- The candidate must have leadership potential, have led a team in the past or have an interest in developing to lead a team in the future.
- Development and design of innovative metering pumps, plants and systems as well as mechatronic accessories and components.
- Development of requirements specifications/specifications and their constructive implementation using agile methods such as SCRUM
- Documentation of results in the form of sketches, presentations and design models
- Design and calculation with the aid of calculation tools and methods
- Development of overall designs of components, assemblies and complete systems using operational engineering tools, PLM and ERP system
- Creation of technical lists, P&I flow diagrams, functional diagrams and specifications for procurement processes
- Development of FMEA to increase technical reliability
- Planning and execution of laboratory and field tests
- Contact person with external organizations and internal functional areas for their innovation projects.
- Prototyping, testing, vendor discussions, development project team meetings.

YOUR PROFILE

We would like you to have a degree in mechatronics, mechanical engineering or similar. We are looking for innovative candidates who have already designed and developed hydraulic machines/devices, preferably pumps, but also gearboxes, etc. Ideally, positive displacement oscillating machines like our pumps. We expect you to have independently coordinated and taken responsibility for innovation projects or sub-projects in the past that have been successfully implemented through agile methods.

Your passion for technically demanding projects has been with you for a long time and your motivation is to find solutions instead of looking for problems. You are well versed in CAD, drawing creation and FEM and CFD simulations. It is important to have a good overview of the relevant manufacturing technologies.

As this is a position in Immenhausen, Germany, the candidate must have at least a demonstrable B2 level of English. Knowledge of German would be highly desirable. If you want to contribute with us in advancing the energy transition and climate protection, this is the place for you. If you enjoy working in interdisciplinary teams and are goal and performance oriented and enjoy creating innovations and new product solutions, don't hesitate.



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WE OFFER YOU

- A varied and responsible position in an international, dynamic and future-oriented company where there is no room for boredom.
- Technical products with which you will create added value for people and the environment.
- Freedom to develop and realize your own ideas and make a difference.
- Attractive salary package subject to the experience provided
- If required, a company car will be provided.
- We offer German courses for foreigners
- We assume the cost of a certain number of trips so that you can visit your family and friends in your home country.
- We help you and facilitate your relocation and integration (housing, bureaucratic processes and whatever it takes).

We look forward to receiving your detailed application, indicating the desired salary and the earliest possible date of incorporation.

Contact

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