

Help to Solve
the Mystery of Life.

And Much More.



Make the
impossible
possible

We are looking for you as

System Engineer (Division Components)

Location: Shanghai

Headcount: 1

Your Tasks:

- Leading and coordinating the technical development and design of systems and components.
- Analyzing customer requirements and creating technical specifications.
- Selecting and implementing technologies to solve complex technical challenges.
- Designing system architectures and components, dividing product specifications into module specifications for the creation and integration of meaningful subsystems.
- Creating and managing technical and development-related documents, including requirements specifications, test specifications, and test reports.
- Conducting quality and system acceptance, simulations, and documentation according to V-Model and Requirements Engineering Standards.
- Ensuring quality by adhering to quality standards and further developing methods and processes.
- Ensuring compliance with product-related safety guidelines, standards, and regulations.

Your Profile:

- Degree in the field of engineering or a related discipline.
- Ability to make professional decisions related to the overall system within the scope of product development and take actions to act in the interest of the project or product.
- At least 5 years of professional experience in system development, preferably in the development of complex mechatronic products.

The future awaits you – at PI

You want to join a company that makes the impossible possible? Then we look forward to your application and a statement about your salary expectations.

Your contact at PI

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- Profound knowledge in simulation software such as Python, MATLAB/Simulink, Ansys, and the integration and use of these tools in the context of complex system development.
- Methodological competence in model-based systems engineering (MBSE), requirements engineering, system simulations, Six Sigma, and Design for X methods.
- Knowledge of the principles of mathematical modeling and implementation.
- Analytical and structured thinking and working style.
- Strong communication skills for effective collaboration with project members and external teams.
- Fluent English skills, both written and spoken.

Willingness to travel internationally on occasion.