

Job profile

A position where every nanometer counts.

Rise to the top of precision with us.

Innovation Manager and System Engineer (in Jena, Germany)

What we do

piezosystem jena (PSJ) is a global developer and manufacturer of high precision and force actuation systems. Over the last 30 years we have worked with leading OEMs in the semiconductor, photonics, metrology, aerospace, and automotive industries.

Almost every technical device contains microtechnology manufactured with a piezo element.

In the high-tech industry, the integration of mechanics and software is required through high-precision movements without time delay. This is where piezo technology stands out as the technology of the future. Our team of experts knows everything about motion and mechanics, and we share this passion with our customers.

Your Chance

You are tech-savvy and want to create innovations in a team, learn new things and really let off steam when creating hardware and software? In a team of developers from a wide range of disciplines, you can take responsibility for bringing our positioning systems to life with your ideas.

Our current focus is on the development of special systems for semiconductor and satellite technology - here you can proactively research innovative solutions and turn them into new products. You will be supported by a team of engineers, business developers and marketing experts.

Your tasks

- Analyze market requirements and assist in the creation of hardware architecture and design.
- Working closely with the marketing and sales team on new product design and requirements.
- Manage the full development cycle of piezo-based positioning systems.
- Commissioning and production transfer of own new developments.
- Verification of hardware and firmware by means of functional and system tests.

What you bring with you

- Desire for innovations and the will to implement them
- Background in physics, engineering (mechanical, optical or electronic focus)
- Experience in product design (ideally technical and commercial)
- Experience in prototyping and modeling (FEM, etc) for opto-mechanical systems
- Understanding of communication protocols (such as I2C, SPI, UART, CAN, etc.)
- Basics regarding control and data processing algorithms
- Good command of English

What we offer

- Compensation in line with the market, including an attractive bonus program
- Regular company outings and social events
- Flexible work hours, results-oriented
- A motivated team in a modern working environment
- Extensive initial training
- International working environment with close exchange with US subsidiary

Please send your application to Stefan Götz, HR manager: sgoetz@piezोजना.com