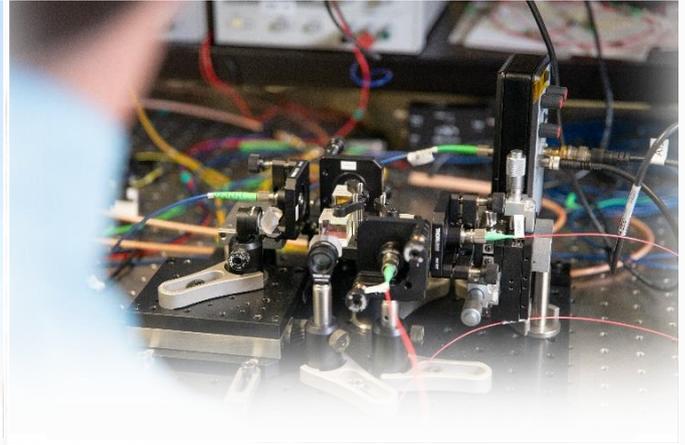


# INNOLUME



## R&D Engineer (m/f/d)

Innolume is a prosperous fast-growing development and manufacturing company of sophisticated **GaAs & InP**-based semiconductor devices. With full-cycle production from wafer growth to device packaging, we offer our customers solutions for **industrial, medical, scientific, and communication applications**.

We are looking for an R&D Engineer to join our international team in **Dortmund**. Here, you will be a part of highly motivated and experienced team, developing cutting-edge optoelectronic solutions and devices for data telecom market. Among the products you will be working on COMB, DFB, DBR and tunable laser diodes, and short pulse generating devices, using high variety of free-space and fiber measurement setups.

We are interested in a strong team-player with keen interest in experimental physics, who can generate and develop ideas. To be successful, you have to understand semiconductor physics and laser optics, have practical skills in experimental work with optical and electrical systems. Also, it is desirable to have some practical experience in engineering programming languages. You should be ready to adapt fast and be eager to learn new things every day.

### Responsibilities

- Work in an international team on development of semiconductor optoelectronic devices and solutions
- Generate ideas for new products and manage projects to implement products in real life
- Improve existing products to enhance functionality and reduce costs
- Deep cross-department collaboration for smooth and in-time project execution
- Develop and build measurement setups
- Design and conduct experiments to characterize and evaluate laser diode features and performance
- Analyze experimental data
- Present reports and discuss results with colleagues and customers, generate project documentation
- Collaboration with marketing department on customer needs

## Requirements

- PhD or MS in semiconductor/laser physics/engineering, or in related fields
- 3+ year work in optical laboratory in industry or academia; experience in development of semiconductor optoelectronic devices or laser systems would be beneficial
- Analytical skills, understanding of optical and electrical engineering principles and theories
- Practical knowledge of semiconductor devices, ideally laser or/and light emitting diodes
- Experience in designing and building experimental setups
- Good understanding of software development methods; practical experience in any of programming languages for experiment automation, science and engineering (LabVIEW, Wolfram, MatLab, Python, etc.)
- Practical experience with electronics (soldering, programming, etc.)
- Experience with patent application or knowledge of engineering standards will be a plus
- Good communication and presentation skills
- Fluent English (spoken and written)

## We offer

A place within an internationally acting company with a diversified team that highly appreciates its employees contribution through extra benefits besides a competitive salary and providing a growth path within the company. Our experienced team members are ready to share their skills and provide support in everyday work. In addition to a spirited and homely working environment, we are offering social events such as Christmas and summer party, as well as free/cold beverages and fruit baskets.

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## Be part of Innolume!

If you are interested in joining our company, we would be pleased to receive your application documents with specification of your salary requirement, as well as your earliest possible start date.

### Contact

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