



PHYSEC GmbH is a solution provider for innovative information security applications for the Internet of Things. As a strongly growing spin-off of the Ruhr-University Bochum we've been awarded with numerous prizes and are collaborating with international research institutes and renowned partners. We are a very dynamic company with flat hierarchies and are currently looking for enthusiastic, creative, and motivated people to join our team at our headquarter in **Bochum**. Starting from **January 1<sup>st</sup>, 2022** we're looking for a full-time

## (Senior) Application Architect (m/f/d)

### Your Tasks:

- In the Scrum team, you develop and optimize the microservice architecture of our central IoT platform for critical infrastructure operators, taking into account the requirements for scaling, resilience, security and auditability of the system
- You always keep an eye on business and customer requirements and translate them into technical concepts and solutions
- You take into account the specific requirements of our software-as-a-service components as well as our on-premise components and thus participate in an interdisciplinary team in the operation of these
- In order to implement these requirements, you are responsible for the selection of the technologies used and you are an innovation driver (e.g. message broker, databases, caches, cluster solutions)
- You contribute to the team with your experience in API design and take responsibility so that the software developed is technically excellent

### Your Profile:

- You have completed an apprenticeship as an application developer or a degree in (business) computer science, software engineering, or a comparable qualification
- You have several years of professional experience in the development of system and software architectures
- You use software architecture methods and common software patterns in your daily work
- You know best practices in API design and can apply them
- You have experience in using Mosquitto, RabbitMQ, MariaDB, MongoDB, InfluxDb, Hibernate, JPA, Spring Boot and Java
- You have very high quality standards and set them through paradigms such as design-for-test, test-driven development and CI / CD
- You have experience with agile development
- You are characterized by team spirit and an independent, structured and responsible way of working
- You are fluent in German and English, both spoken and written

### What we Offer:

- Flexible working hours and work from home possible
- Responsibility and your own creative options
- Awesome team with strong team spirit
- Great team events and free drinks
- Very good transport connection (Technologiezentrum on the RUB campus)
- Fair payment

We particularly want to promote the careers of women in areas in which they are underrepresented. Therefore, we are looking for appropriate applications. Have we caught your attention? Apply with your meaningful CV, your earliest entry date and your salary expectations at [jobs@physec.de](mailto:jobs@physec.de).

You can find more information under [www.PHYSEC.de](http://www.PHYSEC.de). If you have any further questions, kindly contact **Jan Zimmer** ([jan.zimmer@physec.de](mailto:jan.zimmer@physec.de)).