

Amberg Technologies AG is a leading provider of integrated high-precision measuring system solutions for recording and analysis of structural information in the infrastructure sector. In-depth knowledge and a consistent focus of business activities on the field of infrastructure construction, especially tunnel and railway construction lead to world-renowned high-quality system solutions. Amberg Technologies AG is a Swiss SME operating worldwide within the Amberg Group.

For our team in Regensdorf (ZH) we are looking for an innovative, talented and experienced

## Application Engineer Rail 100% (m/f/d)

### Key Responsibilities

- Draft specifications for measurement equipment deployed in the Rail industry identifying the specific customer needs and preferences related to the application
- Complete hardware and software design coordinating with software development engineers and external contract resources during the development of software and embedded (firmware) applications
- Test applications extensively to ensure they are error and bug free
- Liaise with product manager to identify technical requirements and develop new solutions
- Determine project constraints including estimated time and costs
- Connect with customers to analyze user experience and gain constructive feedback
- Customize specialized applications according to client needs and present application prototypes
- Remodel and adapt applications as needed to optimize performance and to improve functionality
- Actively support the affiliated teams throughout the entire development phase, also including testing, documentation, validation and quality assurance
- Proactively develop skills in end-users' application know-how

### Desired Skills

- A BSc. / MSc. degree in Electronic Engineering/ Mechatronics /Geomatics/Civil surveying is required
- Strong understanding in mathematics, physics and data analysis
- Dynamic professional with a minimum of 3 years of work experience is preferred
- Experience in converting customer needs in a final product specification
- Ability to design solutions which integrate software, sensors and embedded electronic on different platforms (e.g. trolleys, railway vehicles, trains, drones)
- Sound knowledge in various programming languages (e.g. Java, Matlab, Python, C++ ) and cloud applications
- Experience in developing Rail monitoring devices
- Affinity for product and application development
- Very good written and spoken command of English and /or German is required, Chinese would be a plus

### Benefits

- A motivated international team awaits you along with a diverse and challenging position
- Great professional and personal growth opportunities
- Internal and external training offerings
- Flexible working time model

If you are accepting the challenges of our roadmap, let us know how you can contribute. We look forward to receiving your complete application documents at [job@amberg.ch](mailto:job@amberg.ch).

Amberg Technologies AG, Ms. Carmela Petriello, Senior HR Manager,  
Trockenloostrasse 21, CH-8105 Regensdorf, +41 44 870 91 10,

[www.amberggroup.com](http://www.amberggroup.com)

