

## Job Description

### Research Software Development Engineer (f/m/d)

An exciting opportunity has arisen for a Software Engineer (f/m/d) to join Delta System Solutions GmbH in our office near Berlin.

### Innovation Never Stops

Delta System Solutions GmbH (DSS) is an independent system, safety and reliability engineering consultancy in aviation, railway and maritime industries. Innovation is at the core of DSS, therefore we are developing next generation tools for safety and reliability analysis with Industry and University partners.

We are seeking newly-graduated or entry-level software engineers who are enthusiastic about innovation and who would like to join our team as we shape the future of model-based safety assessment and system development.

### Key Accountabilities

- Support software requirement determination
- Responsible for software development of the R&D projects' life cycle, which includes but not limited to:
  - Write well-designed, testable code
  - Design software architecture based on requirements
  - Develop graphical user interfaces
  - Develop domain specific models and databases
  - Test and verification of the software
  - Documentation
- Facilitate consortium meetings and communicate with consortium partners
- Commercialisation and packaging of software

### Qualifications and Experience

- University degree in software engineering/development or an equivalent technical university degree
- Sound knowledge in general software development process, e.g., agile, rapid application etc.
- Familiar with Eclipse Modelling Framework
- Practical experience in programming language such as Python, Java, C
- Experience in GUI development, e.g., HTML, CSS, Javascript and JQuery
- Experience in deploying and supporting various types of database systems (MongoDB or PostgreSQL or Redis or InfluxDB or similar)
- Practical experience in machine learning techniques is desirable
- Good written and verbal communication skills in English (German skills would be a further advantage)

We offer excellent development opportunities, a competitive salary and attractive benefits.

So that you can be your best at work and home, we offer flexible working arrangements for everyone, in any role.

**Closing Date: 30<sup>th</sup> September 2022**