



## Functional Safety Architect (f/m/d)

**Location:** Berlin  
**Start Date:** immediately

### Our Company

OpenSynergy works on one of the most fascinating topics in software development: e.g. the integration of Linux or Android solutions with automotive-specific software such as AUTOSAR, the development of the Bluetooth® stack Blue SDK, of an OTA update mechanism and a kit providing high quality of signal processing for hands-free applications in the car.

Our customers include automotive manufacturers and suppliers. That's why COQOS rides along in the car.

OpenSynergy is an independently managed company. Its headquarters are situated in Berlin with locations in Munich and the United States. The company is continuously growing and our corporate culture is inspired by the internationality of our employees, partners and customers.

OpenSynergy is a development member of the AUTOSAR development partnership, member of the GENIVI Alliance, The Linux Foundation and Automotive Grade Linux (AGL). It participates in national and international research projects such as ARAMIS and EURO-MILS.

If you would like to join our team, apply today. We look forward to meeting you.

### Responsibilities

As a leader with excellent communication skills and deep technical experience in embedded software development and functional safety you will provide independent functional safety assessments on selected projects. You will also apply safety analysis techniques appropriate for SEooC developments, develop safe architectures and designs and create technical safety case argumentations. You will report to Director of Quality and will work closely with our Lead Architect and Technical Leads to create innovative and efficient safety solutions for both product developments and customer based projects.

### Our Expectations

- Solid experience in performing safety analysis for embedded software systems with techniques such as FMEA and FTA
- Proven experience in deriving safety requirements from a safety analysis
- Demonstrable capability in defining of safety architectures and technical designs using semi-formal methods, model based development, simulation or prototyping.
- Ability to develop safety case arguments to confirm the appropriate level of safety for a software product
- Familiar with professional software development processes and tools for embedded systems
- Experience in a functional safety standard and passing an external certification
- Conducting functional safety assessments
- This position requires excellent leadership capabilities, a strategic mindset as well as proficiency in hands-on people management and an ability to communicate clearly and concisely to our engineering community
- BS or MS in Computer Science or other Science/Engineering related field or significant demonstrable professional work experience.

**Furthermore, experience in the following fields is of high value:**

- Experience with ISO26262 for functional safety to ASIL D
- Team leadership
- Use of the Goal Structuring Notation for safety case development
- Development of embedded operating systems,
- Familiarity with Linux, Android or Autosar
- Good German language skills would be an advantage

**We offer:**

- a creative working atmosphere with flextime
- a chance to work in Berlin's dynamic district Friedrichshain
- international colleagues and customers
- an opportunity to work with experts in the field of embedded software for cars
- an open-minded and fair working atmosphere.

Please send your complete CV (including a response to the specific job requirements and your salary expectations) to [jobs@opensynergy.com](mailto:jobs@opensynergy.com).