

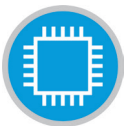
In order to reinforce our team at our sites in Lörrach or Freiburg we are looking for an

Embedded Software Engineer (m/f/x) – Functional Safety

Shape the future with us

MESCO is a partner of choice for innovative product developments in the area of process and factory automation. Our Core Competence is the development of hardware and software for industrial communication. Functional safety and explosion protection are our fortes. Ever since 1990, we have been offering our customers – worldwide – the latest cross-industry know-how, wide-ranging solutions and comprehensive service.

Your main focus areas



- Development of embedded software for safety-critical applications (IEC 61508)
- Carrying out requirements analyses
- Definition of architecture and design; Creation of specifications
- Taking over the responsibility for the accompanying documentation
- Supporting the creation of certification-related documents



- Creating test specifications
- Implementation of test drivers and unit tests
- Conducting code reviews, integration and verification tests as well as doing troubleshooting and maintenance of the released products

Your profile



- Degree (Bachelor, Diploma, Master) in Computer Science, Automation Engineering, Electrical Engineering or a comparable qualification



- Experience in the development of software for embedded systems
- Experience with real-time operating systems is highly desirable



- Automation technology knowledge is an advantage
- Competence in firmware development processes
- Expertise in Functional safety according to IEC 61508, ISO 13849, IEC 62061
- Programming languages C, C++; Modeling language UML
- Embedded platforms, firmware engineering (V-model)



- Network knowledge (e.g. Ethernet, TCP / IP, etc.), is highly desirable
- Fieldbus-standards knowledge (e.g. PROFIBUS, PROFINET, CAN, Ethernet etc.) is highly desirable
- Very good written/oral communication skills in German and English
- Willingness to travel – occasional (inter)national business trips

What we can offer you

The well-being of our employees is very important to us. That is why we attach great importance to a friendly working atmosphere and a really cooperative working climate. We also offer you continuous professional and personal development, flexible working hours and a safe workplace in an expanding and future-oriented company.

We look forward to receiving your application

Please send us your application documents together with your salary expectations and the earliest possible starting date to job@mesco.de. For further information please contact Beate Lutzer at +49 76 21/15 75 102.