

Embedded Software Engineer (f/m/div.)

👤 **Career level:** Young professional, professional 🏠 **Hybrid work** ⌚ **Full time**
 📍 **Location:** Barcelona 🏢 **Industry:** Mobility, medical engineering, railway technology



What to expect

Exciting projects await you, in which you will help shape the digital world of tomorrow.

Enthusiasm for new technologies and cross-industry methodological expertise characterize our work. Our success is based on our innovative strength, mutual trust, appreciative cooperation, diversity and responsibility. You can look forward to a great team.



Job description

- You will develop applications and control algorithms, middleware, basic software, and hardware drivers for embedded systems in the automotive and industrial sectors
- Your tasks include the development and discussion of software requirements in an agile project environment
- Likewise, the development, implementation and integration of corresponding software architectures and designs using common development tools
- You will develop system- and hardware-related software components in C and C++ in compliance with current guidelines and standards
- You will conduct analyses and reviews
- You will implement fully automated, high-performance unit tests on a model or target platform basis

Qualifications

- **Personality:** Team player with good communication skills
- **Work Mode:** structured and solution-oriented working method combined with high quality awareness and independence
- **Experience and Know-How:** Good knowledge of **C/C++ programming** and/or model-based software development with **Matlab/Simulink**. Experience with real-time or Embedded systems, **D-Space TargetLink** and **Mathwork's Embedded Coder**. Specific knowledge such as AUTOSAR, MISRA or industry-specific standards of benefit, but not mandatory
- **Education:** completed studies in Electrical Engineering, Computer Science, Mechatronics or comparable degree
- **Languages:** very good knowledge of English, German is a plus



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