






# Embedded Software Developer – C/MATLAB/Simulink/ (f/m/div.)

 **Career level:** Young professional, professional
  **Partly remote**
 **Full time**

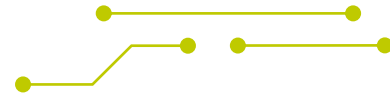
 **Location:** Barcelona
  **Industry:** Mobility, railway technology



## 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

- Model-based design for driving dynamics, electric drives, power trains
- Programming in C or C++ and MATLAB, including OO MATLAB code
- Ensure the above-average quality of your software with both Model in the loop and Software in the loop simulations
- Perform detailed Model in the Loop and Software in the Loop testing
- Advanced embedded software development
- Active participation in our innovation management

## Qualifications

- Model-based design (e.g. MATLAB/Simulink/Stateflow resp. ASCET)
- Automatic code generation (e.g. TargetLink, Embedded Coder)
- Knowledge of MiL and SiL tools (e.g. TPT, Tessy)
- Software engineering, C, C++, MATLAB coding and OO programming
- Scripting language knowledge for automation procedures (Python, Matlab), familiarity with AUTOSAR architecture is appreciated
- Very good English is a must have
- Enthusiastic, strong teamwork personality
- Responsible working method
- Ideally, previous experience in automotive technology
- Readiness for pragmatism and adaption to constantly changing demands under high-pressure time constraints
- Fun at work in an international team

[Job offer](#)