

EMBEDDED SOFTWARE DEVELOPMENT ENGINEER (m/f/x)

Bissen, Luxembourg | Full-Time

Passionate about coding and embedded software?

In this role, you will develop and optimize embedded software solutions that power our smart sensing technologies, contributing to product performance, functionality, and reliability.

If you enjoy turning complex technical challenges into smart, efficient software while collaborating with multidisciplinary teams and driving innovation, this could be the perfect role for you.

YOUR ROLE

- Developing and optimizing real-time software solutions, algorithms, and signal processing concepts
- Modelling, simulating, and validating software behaviour to ensure reliable system performance
- Defining software requirements and design scalable architectures and components
- Implementing, testing, and maintaining software throughout the development lifecycle
- Participating in technical reviews and contribute to high-quality software deliverables
- Managing software configurations, resolve technical issues, and support quality assurance activities

YOUR PROFILE

- Master's degree in Software Engineering, Computer Science, Electronics Engineering, or equivalent
- Working experience with: C/C++ (Python is considered an asset), MATLAB/Simulink, Model Driven Development, Object Oriented Analysis and Design (UML)
- Knowledge of: Software architecture, microcontrollers, requirement tools (e.g. IBM Doors, Polarion), automotive processes and quality standards (SPICE, ASIL, HIS, MISRA), FS standards like ISO 26262, CS standards like ISO/SAE 21434
- Working with Radar or capacitive technologies is considered an asset
- Excellent communication, analytical and team working skills
- Fluency in English (spoken and written) is mandatory, German or French is considered an asset



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Think you're a great fit?
Send us your application.

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