Embedded Software Engineer - Automotive

High competence and the passion for new challenges make our Electric & Electronic division the guidepost to the Automotive future. Take your next step and join our team.

We are looking for an Embedded Software Engineer with real hands-on experience of Vector's MICROSAR toolchain to work on automotive ECU software. You will be the person who makes the platform layer work: configuring AUTOSAR, integrating it with Simulink-generated application code and hand-written firmware, and getting the result running reliably on target hardware.

Your Growth Opportunities:

- Configure and maintain the AUTOSAR stack using the Vector MICROSAR toolchain, including OS-level and basic software configuration.
- Develop and maintain embedded C software for automotive applications.
- Integrate Model-Based Design output: merge auto-generated code from MATLAB/Simulink with hand-written firmware into one consistent software image.
- Support integration, debugging and bring-up on target hardware, including multicore microcontrollers, working with colleagues from the other engineering teams.

Your skills that will help us to get ahead:

- MICROSAR and AUTOSAR: solid, practical experience configuring AUTOSAR with Vector's MICROSAR toolchain.
- Embedded experience: more than 5 years in embedded systems, or an equivalent level of skill that you can demonstrate.
- Strong C programming, with firmware development experience.
- Multicore debugging: you are comfortable analyzing problems on multicore microcontrollers.
- MATLAB/Simulink: you have worked within a Model-Based Design workflow.
- Electronics fundamentals: enough to read a schematic and understand how the software interacts with the hardware

Total compensation:

- **Contract type:** [Permanent]
- **Level:** CCNL Commercio
- **Gross annual salary (RAL):** €[40.000] – €[48.000] (determined on the basis of objective, neutral, and verifiable criteria)
- **Benefits:** meal vouchers €6.50, corporate agreements/discounts
- **Smart working:** individual remote working agreements
- **Working hours:** Full-time (40 hours per week) with flexibility

This offer is addressed to all individuals in compliance with equal opportunity principles, without discrimination based on gender, age, origin, or other personal characteristics, in accordance with applicable laws.

This job posting has been drafted in compliance with:

- ***Directive (EU) 2023/970*** *and* ***Legislative Decree 104/2022*** *(pay transparency and equal pay)*
- ***Legislative Decrees 216/2003*** *and* ***215/2003****, and* ***Laws 903/77*** *and* ***125/91*** *(equal treatment in employment)*
- ***EU Regulation 2016/679 GDPR*** *(data privacy protection)*

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Additional information

Location	**Turin**
Position type	**Full-time employee**
Start of work	**Nov 2, 2026**

Responsible

Malgorzata Machowina