Embedded Software Integration Test Engineer*

High competence and the passion for new challenges make our Electrics/Electronics division the guidepost to the automotive future. Take your next step and support our team.

This will make you grow:

- Plan, execute, and report software integration tests for embedded automotive ECUs prior to system and vehicle-level testing
- Validate correct interaction between infotainment systems and other vehicle ECUs (e.g. Gateway, BCM, ADAS, Telematics).
- Define integration test strategies, test cases, and test scenarios based on: Software and system requirements; Software architecture and interfaces; Communication matrices (CAN, LIN, FlexRay, Ethernet)
- Execute functional, integration, and regression testing on bench, SIL, HIL, and vehicles.
- Analyze test results, identify root causes of integration issues, and support debugging in collaboration with development teams
- Support software and hardware integration phases, including new software releases, hardware variants, and vehicle configurations.
- Track defects, manage test coverage, and ensure traceability between requirements, test cases, and results
- Support release decisions by providing objective evidence of software integration maturity

And this is how you'll take us forward:

- Degree in Computer Engineering, Electronics Engineering, Automotive Engineering, or equivalent
- Experience in embedded software testing and integration, preferably in the automotive domain
- Good understanding of: ECU architecture and embedded software stacks
- Understanding of communication protocols (CAN, LIN, FlexRay, Ethernet)
- Ability to read and understand software architecture documents, interface descriptions, and requirements

- Basic knowledge of programming and scripting languages used for testing and analysis, such as: Python, CAPL or similar automotive scripting languages
- Kotlin, for understanding Android-based application behavior and test scenarios (no feature development required)
- Experience in defect tracking and test management tools
- Fluent English (written and spoken)

* Gender, age, nationality, or religion are not relevant for us – you are all that matters.

Sounds like your next challenge? Then we'll be looking forward to your application!

For all information about EDAG as an employer and further career opportunities, please visit edag.com/career.

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Additional information

Location	**Turin**
Position type	**Full-time employee**
Start of work	**Feb 11, 2026**

Responsible

Malgorzata Machowina