



Automotive E/E Failure Analysis 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.

We are seeking a skilled and knowledgeable **Automotive E/E Failure Analysis Engineer** to provide high quality support to our customers

This will make you grow:

- You will oversee the tracking and analysis of whole-vehicle integration testing, managing system issues and customer complaints;
- Take part in the evaluation of issues with all involved stakeholders (Test Managers, Testers, Component/System Owners, EE platform Architects, Suppliers, etc.);
- Analyze integration, diagnostics, low-level communications, and end-to-end functional behaviours;
- Perform root cause analysis to isolate faults across software, electrical, electronic, and hardware levels;
- Support data collection and data analysis to coordinate the resolution process of new failures within a cross functional team;
- Steer analysis activities and autonomously perform replication tests when required;
- Develop, setup, and maintain custom tools and scripts to automate input tracking and analysis;
- Manage physical testing tools (e.g., data loggers) and resulting log files.
- Manage documentation to record test configurations and signal values to provide clear evidence of root causes;
- Coordinate and steer periodical alignment meeting with stakeholders from different departments to improve testing input quality.
- Monitor lifecycle of bug tickets to promptly address and correct potential rejections;
- Maintain updated statistics and performance KPIs on issues and analysis activities;

And this is how you'll take us forward:

- Technical degree, preferably in Electrics or Electronics Engineering or equivalent;
- Strong background in whole-vehicle integration, automotive electronics, and testing methodologies;

- Ability to develop custom scripting tools to optimize workflows;
- Proficiency in analyzing log files, diagnostic reports, and media;
- Familiarity with automotive standards and ticketing systems;
- Hands-on experience with automotive communication protocols (CANbus, LINbus, FlexRay, Automotive Ethernet), diagnostic standards (OBD-II/EOBD, KWP2000, UDS, DoIP) and engineering toolchains such as Vector (CANoe, CANalyzer, CANape), dSPACE, ETAS and MathWorks (MATLAB/Simulink);
- Good knowledge of Italian and English language (written and spoken)

Total compensation:

- **Contract type:** [Permanent / Fixed-term contract]
- **Level:** CCNL Commercio
- **Gross annual salary (RAL):** €25.000 – €40.000 (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 Leg. Decr. 104/2022** (pay transparency and equal pay)
- **Leg. Decr. 216/2003 and 215/2003, and Laws 903/77 and 125/91** (equal treatment in employment)
- **EU Regulation 2016/679 GDPR** (data privacy protection)

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

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Additional information

Location	Bologna
Position type	Full-time employee
Start of work	Oct 5, 2026

Responsible

Maristella Valente