

Application & Integration Engineer – Electric Vehicle & HV Systems

We are looking for an **Application & Integration Engineer – Electric Vehicle / High Voltage (HV)** to support the development, integration, commissioning, and validation of prototype electric vehicles and high-voltage systems.

Your Growth Opportunities:

- Perform **commissioning and integration activities on prototype electric vehicles and HV systems**.
- Support the commissioning of **HV battery systems, electric motors, inverters, DC/DC converters, onboard chargers, HV distribution systems, and related components**.
- Execute system bring-up, functional checks, diagnostics, parameterization, and validation activities.
- Analyze and troubleshoot **electrical, electronic, communication, and system-level issues** during prototype commissioning.
- Use diagnostic and measurement tools to identify faults and support root-cause analysis.
- Work with vehicle communication networks such as **CAN/CAN FD** and related diagnostic protocols.
- Coordinate with development teams to resolve issues identified during commissioning and testing.
- Support prototype builds, system integration, testing, and validation activities.
- Define and continuously improve **commissioning procedures, test sequences, checklists, and troubleshooting guidelines**.
- Create and maintain comprehensive **process documentation for vehicle and HV commissioning**.
- Document commissioning workflows, required tools, test conditions, acceptance criteria, test results, and identified issues

Your skills that will help us to get ahead:

- Degree in **Electrical Engineering, Automotive Engineering, Mechatronics, or a comparable technical discipline**.
- Several years of professional experience in **electric vehicles, electric powertrain systems, HV systems, or automotive prototype development**.
- Solid practical experience with **HV systems and electric vehicle architecture**.
- Hands-on experience in **prototype commissioning, system integration, testing, and troubleshooting**.
- Knowledge of **CAN/CAN FD, vehicle diagnostics, ECU communication, and automotive networking**.
- Experience with diagnostic and measurement equipment and engineering tools.
- Ability to interpret **electrical schematics, wiring diagrams, technical specifications, and system documentation**.
- Experience in creating **technical documentation, commissioning procedures, test instructions, and process descriptions**.
- Strong analytical and problem-solving skills.
- Strong communication skills and ability to collaborate across multidisciplinary teams.
- Fluent in Italian and **English**; German is an advantage.

Total compensation:

- **Contract type:** [Permanent]
- **Level:** CCNL Commercio

- **Gross annual salary (RAL):** €[48.000] – €[54.000] (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)

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Additional information

Location	Turin
Position type	Full-time employee
Start of work	Jul 29, 2026

Responsible

Malgorzata Machowina