

We are looking for a

## BMS Systems and Safety Engineer (m/f/d)

### About Munich Electrification

Munich Electrification is an innovative company founded with the aim of accelerating the transition to electric mobility. We develop innovative battery management systems for electric vehicles for our global customers. Our international team is composed of highly motivated, exceptional young engineers. We offer a relaxed and friendly work atmosphere with flat hierarchies. As a small and specialized team we are well-aware of the importance of each individual colleague and support and promote each employee according to their abilities and needs. Our office with adjacent prototype and testing lab is located in the heart of Munich at the Heimeranplatz.



### Your Role

In close collaboration with the Munich Electrification systems, hardware and software teams, you are working on the technical requirements of our BMS on system level. Since we are developing according to our Safety development process, you are responsible for creating system level functional safety documentation and performing safety analysis, such as FMEAs early on in the development project. You are a core contributor to crucial system design questions and you work with hardware and software teams on the definition of the BMS features. You are fully aware of all BMS requirements and their vehicle level impact, you are capable of understanding customer needs and you are able to judge the impact of external requirements on our BMS platform.

The main focus of your role is on managing functional safety throughout the development process – you are working with a highly motivated team to innovate on creating an exceptionally smart and lean safety process. We are not buying over-sized off-the-shelf tools and we are not copying what the big OEMs do. We pride ourselves to go one step further with our functional safety culture and are laser-focused on efficiency and consistency across the whole company.

### Your Responsibilities

- Definition of system level requirements inside ME
- Definition and maintenance of development processes and tools
- Creation and verification of functional safety work products of the concept and system design phase
- Performing safety analysis such as FMEAs with the system, hardware and software teams.
- Organization of internal and external safety audits
- Planning and execution of system level tests on HIL and vehicle level to ensure the quality and safety of our products
- You are responsible for the BMS sign-off / release for production

### Your Profile

- Successfully completed university degree in an engineering field
- Minimum of 3 years of working experience in automotive or aerospace electronics development
- Expert user of MS Office and basic programming skills in python, experience with Vector CANoe or similar tools
- Highly motivated, willing to take responsibility and ownership of a project
- Creativity, curiosity and enthusiasm to find the most efficient solution for a given problem
- Preference for working in teams, confident personality and excellent communication skills (English, German favorable)

### Our Offer

- The chance to be part of an highly innovative, agile and unique team with the most prestigious customers in the automotive sector
- A deeper knowledge around electric vehicle batteries, battery management and electronics development
- Healthy lunch and fresh snacks everyday
- Free access to the Fitness Center right next to us
- An exciting working environment and various inspiring team events
- An adequate and competitive compensation

**Ready for a new challenge?**

**We are looking forward to your application!**

**E-Mail**

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**Contact Person**

Lisa Döllinger