

We are looking for a

Hardware Design Engineer (f/m/d)

About Munich Electrification

Munich Electrification is an innovative start-up 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

As a Hardware Design Engineer, you will work as part of an expert team of hard- and software developers on battery management systems which are among the world-leading ones regarding safety, features and costs. Your field of responsibility is the hardware development of components for battery applications. You will implement the overall technical concept with the system lead engineer and the safety manager and report directly to the head of hardware development. You add to our existing battery management expertise with your experience and your proficiency in the fields of circuit technology analog and digital, PCB layout, EMC and circuit design. You will have decisive influence on the technical concepts of our future battery management systems through your work.

Your Responsibilities

- Design Responsibility for Circuit Components and/or complete PCBAs and owner of release process
- Component selection, supplier communication during development, creation and maintenance of component libraries
- Circuit design in Altium Designer
- Design analysis and documentation according to requirements from Customer and ME internal
- Design, execution and analysis of engineering, validation and production tests and test equipment in coordination with other departments

Your Profile

- Successfully completed university degree in an engineering field
- 2 years of working experience in electronics development, automotive experience welcome
- Expertise in the fields of analog and digital circuit design, experience with EMC optimization
- Experience with Functional Safety (ISO26262) and/or insulation coordination (IEC 60664) welcome
- Highly motivated, willing to take responsibility and ownership of a project
- Creativity, curiosity and enthusiasm for innovative electronics solutions for electric vehicles
- Preference for working in teams and strong communication skills (English; German favorable)

Our Offer

- The chance to be part of a 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

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