



# Initiativbewerbung - Hardware Engineer Power Electronics (m/f/x)

Arbeitsort: 80331, Munich

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## Was Sie erwartet:

- Design and develop electronic hardware for battery and power distribution from prototypes to future systems, including analogue and digital circuit design
- Implement electronics hardware development processes and toolchains
- Perform schematic capture, PCB layout, and component selection to meet project specifications and regulatory requirements
- Conduct simulations and analysis to ensure system performance and reliability under various environmental conditions
- Develop and execute test plans for hardware validation, including functional, environmental, and electromagnetic compatibility (EMC) testing
- Collaborate with software, mechanical, and systems engineers to ensure seamless integration of hardware components
- Participate in design reviews, providing technical expertise and ensuring compliance with industry standards
- Generate detailed documentation, including

## Was Sie mitbringen:

- Bachelor's degree in Electrical Engineering, Electronics Engineering, or a related field
- Ideally **5+ years of experience in electronic hardware design**
- Proficiency in electronic design automation (EDA) tools such as **Altium Designer, Cadence, or Mentor Graphics**  
Experience with embedded systems and microcontroller-based designs
- Experience with battery management systems, power electronics, or related fields is highly desirable
- Knowledge of industry standards and regulations
- Excellent problem-solving skills, attention to detail, and ability to work effectively in a fast-paced, collaborative environment
- Strong written and verbal communication skills
- Ability to work effectively in a team-oriented environment and manage multiple projects simultaneously
- **Fluent English** language skills are

design specifications, test procedures, and technical reports

- Support manufacturing and testing teams with troubleshooting and resolving hardware issues
- Stay current with advancements in electronics and incorporate new methodologies and components into designs

essential, **fluent German** or other language would be beneficial

As a development specialist with more than 14,000 employees at over 50 locations, we work on exciting projects **on behalf of our customers** worldwide.

Ready for your next professional challenge? Then upload your CV in just a few minutes. You can do without a cover letter, because we prefer to get to know you personally in a conversation.

We look forward to receiving your application!

Schwerbehinderte Menschen beziehungsweise gleichgestellte Menschen im Sinne des SGB IX werden bei gleicher Eignung bevorzugt eingestellt.

### Was wir können:



#### Kontakt:

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#### Teilen:

