

**EAS Batteries GmbH** is a manufacturer of large format cylindrical lithium-ion cells and battery systems, which are used in industrial, aviation, marine and automotive sectors. Thanks to the flexibility of the production line, EAS can adapt its products to special customer requirements and is the ideal partner for customized cells and battery systems for demanding requirements as well as for cell and battery development projects.

To strengthen our team we are looking for a

## Software Architect for Battery Management Systems\*

**Work location: Nordhausen – Home office partially possible**

### Your responsibilities

- Development and definition of the software architecture for Battery Management Systems (BMS) in close collaboration with interdisciplinary teams
- Analysis of customer requirements and derivation of software requirements and specifications
- Responsibility for the creation and maintenance of software designs and architectural documents
- Conducting design and code reviews to ensure software quality and compliance with safety standards
- Identification and implementation of optimization potentials to ensure the scalability and maintainability of the software
- Ensuring the required software quality by applying relevant quality and analysis tools
- Supporting the development team in the implementation and integration of the software
- Performing risk analysis and developing strategies for risk mitigation

### Your qualifications

- A completed degree in Computer Science, Electrical Engineering, or a related field
- Several years of experience in software architecture development, ideally for Battery Management Systems
- Strong programming skills in C, ideally also in Matlab/Simulink
- Experience in software development on real-time operating systems (e.g. FreeRTOS)
- Strong analytical skills and experience in requirements management
- A structured, self-reliant, and team-oriented working style
- Excellent German and English language skills, both written and spoken

### Out offer

We offer you an exciting and permanent full-time position, an attractive working environment, exciting development opportunities, and a very positive workplace culture. There is an option for partial remote work by arrangement.

Do you want to help drive the development of innovative energy storage systems with us? Then we look forward to receiving your detailed application documents by mail or email at:

EAS Batteries GmbH | Human Resources | Mrs Anke Schmidt | Lokomotivenstrasse 21  
99734 Nordhausen/Deutschland | [anke.schmidt@eas-batteries.com](mailto:anke.schmidt@eas-batteries.com) | [www.eas-batteries.com](http://www.eas-batteries.com)

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