



## DEVELOPER FOR BATTERY-MANAGEMENT-SYSTEMS (M/F/D)

Join our battery development team at our corporate headquarters  
in Villingen-Schwenningen!

### DUTIES WILL INCLUDE:

- > Conceptualization, planning and realization of development projects for battery management systems (BMS) in close cooperation with project management and engineering
- > Development and programming of operating and control strategies of battery systems
- > Development of safety concepts for the interaction between BMS and overall system
- > Development of circuit designs based on requirement and functional specifications, taking into account costs and producibility
- > Advancement of existing circuits for use in new projects.
- > Design and programming of Texas Instruments BQ-series, e.g. BQ40z50-R1, BQ27542-G1, etc.
- > Perform system, module, and integration testing for the battery control unit.
- > Documentation and analysis of test results and corresponding reporting to the project manager
- > Analysis and documentation of errors
- > Communication and cooperation with international electronics and battery manufacturers

### THE IDEAL CANDIDATE:

- > Successfully completed studies in electrical engineering, communications engineering, technical computer science or a comparable education
- > Experience in analog and digital circuit design and software control
- > Relevant experience in embedded programming, preferably C or C++
- > Experience with microcontroller programming (DAVE) and bus systems helpful
- > Technical and intercultural competences
- > Flexibility to contribute to an international organization with international business partners
- > Good knowledge of German and English, both written and spoken
- > Readiness to travel, communication skills, an independent way of working and the willingness to take on responsibility complete your profile

» Please send your application, including your earliest possible starting date and your salary expectations to:

**Jana Klein**  
**personal@jauch.com**  
**+49 7720-945139**

