



**AUTOMOTIVE.
COMPOSITE.
SOLUTIONS.**

BATTERY SYSTEM ENGINEER AUTOMOTIVE & AEROSPACE

LOCATION MUNICH/ GERMANY
FOR IMMEDIATE HIRE | PERMANENT CONTRACT

Forward Engineering (FE) is a trusted partner for holistic and sustainable product development in the automotive and aerospace industry. The global FE team supports our client partners with comprehensive design, system engineering, material and process know-how in the field of technical and fiber-reinforced polymers, functional lightweight construction and CAE-supported multi-material design optimization. Bringing together our global network of material manufacturers, technology providers and tier suppliers enables the resource efficient and cost-effective implementation of new and emerging technologies.

YOUR FUNCTIONS

- Lead the system engineering and integration of battery design, including mechanical, thermal management, and electrical/electronic components, for the next generation of transportation in the automotive, aerospace, commercial vehicle, and consumer product industries
 - Create and evaluate innovative, holistic battery concepts and solutions to meet evolving industry demands and trends, including benchmarking and trend analysis of specific applications, requirements, and functions
 - Manage system testing and validation with partners
 - Provide technical and economic oversight for customer projects from concept to launch, including research project participation and close collaboration with internal teams, technology partners, and suppliers worldwide
 - Provide technical advice and support in customer discussions and project acquisition
 - Presentation of the project results in the project team and at customer presentations
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YOUR PROFILE

- Successfully completed degree programs (Dipl.-Ing., M. Sc., M. Eng.) in mechanical- or industrial engineering specializing in vehicle design, battery development, electric powertrain or a comparable qualification, along with relevant industry experience in battery development, powertrain, or EV vehicle design
- Demonstrate detailed technical expertise in battery system engineering and a passion for future and electric mobility trends
- Knowledge of battery chemistries, electrical systems, thermal management and safety requirements
- Proficiency in CAD and simulation for designing and testing battery systems is beneficial but not mandatory
- Goal- and solution-oriented with strong communication skills and know how to motivate your project team
- Fluent in English and German
- Flexibility, willingness to travel and interested in international projects
- Experienced and comfortable with presenting to groups both at an introductory as well as deep dive technical expert level

THE FORWARD OFFER TO YOU

- Responsible tasks in an innovative environment
- Great conditions in an open-minded, collegial team
- A flat, project oriented and responsive organizational structure able to respond quickly to customer and market requirements
- Individual, attractive opportunities for your development in a growing business
- Flexible working hours and use of home office
- Company pension scheme, performance-related bonus payments, capital-forming benefits

We are looking forward to your comprehensive application.

Required documents: CV, certificates

Please understand that we can only accept applications via e-mail to:

career@forward-engineering.com

Forward Engineering GmbH

www.forward-engineering.com

