
Position **Software Development Engineer – BorgWarner Empower Program**

Location Kirchheimbolanden, Germany

About us BorgWarner is a global product leader in delivering innovative and sustainable mobility solutions for the vehicle market. We are a company of innovators and independent thinkers that brings together talented employees, meaningful work and amazing technology in a unique environment. At BorgWarner we constantly work towards our vision of a clean and energy-efficient world.

Our Culture

We believe health and safety of our employees are a top priority, we care about our local communities and the global environment. BorgWarner promotes and nurtures a diverse and inclusive environment, honors integrity, strives for excellence, commits to responsibility for our communities and the environment, and builds on the power of collaboration.

Career Opportunities

We manage talent as seriously as we manage our businesses and encourage you to learn about our proud history, strong culture, technologies and future vision. We offer a strong local presence and interesting global opportunities. Start your future with BorgWarner now!

Empower Program If you're looking for an opportunity to help change the world for the better, join the BorgWarner Empower Program. The highly customizable rotational program helps engineering graduates discover exciting career paths within the mobility industry. The program will offer your choice of specialization and development path, flexible working models, an opportunity to bring your ideas to life, mentoring by experienced professionals, global connections through networking, international experience.

Job purpose *You are part of a global team which is developing software for rotating machines. You will take over full responsibility for a feature in the software and develop this feature starting from requirement setting, detailed design over the implementation to the bug fixing and final release stage.*

- Key responsibilities**
- *Development and implementation of concepts for modelling the thermal behaviour of the drive system and the derating strategy*
 - *Development and implementation of concepts and methods for the control of electric drives*
 - *Support of test execution of existing and self-developed concepts at the system test bench*
 - *Creation of software documentation according to ASPICE and ISO 26262*
 - *Support in the creation and maintenance of software requirements*
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- What we're looking for**
- *Successfully completed studies in electrical engineering or mechatronics*
 - *Sound knowledge in electrical drive engineering, power electronics and control engineering*
 - *First experience in e.g., programming in C, Matlab/Simulink is welcome*
 - *Fluent in English, knowledge of German advantageous*
 - *Independent and self-dependent acting as well as good communication skills*
 - *Drive for results, enthusiasm for engineering and eagerness to learn*
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Join the company that is creating solutions that support a cleaner, more energy-efficient world

For more information about BorgWarner Empower Program, please visit [Graduate Program - BorgWarner](#)
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