



Founded in 1969 as SEG in Krefeld, Germany - grown under Woodward for more than 10 years - ConverterTec is a global specialist in electric power conversion. Since 1995, first variable-speed Concycle® generators and power conversion technology is being used in marine applications, Uninterruptible Power Supply as well as in upcoming wind and solar/PV applications.

As of today, we are looking to a legacy of more than 23,000 converter systems in on- and offshore applications, shipped to 47 different countries worldwide, which correspond to more than 45GW.

Our R&D centers in Kempen, Krakow and Sofia as well as our global service hubs support our global customer base on all continents.

In Niepołomice we are looking for a Embedded Software Engineer

Your Tasks:

- Implementation of new and extension of existing functionalities (e.g. low level drivers, external communication interfaces, monitoring and open-loop control parts) inside multiprocessor system including testing
- Maintenance and upgrade of existing software components, taking care about quality of code
- Software bugs root-cause analysis and fixing
- Writing technical design documentation
- Participation in complex international projects

Your Profile:

- 0-2 years of experience in embedded software development
- Solid knowledge of C-language, C++ is nice to have
- Knowledge of microcontrollers architecture, peripherals, booting mechanism etc.
- Basic knowledge of software development and software testing methodologies
- Basic knowledge of digital techniques (FPGA, VHDL)
- Basic knowledge of digital signal processing
- Good communication skills, team-player
- Fluency in English

Nice to have:

- Experience with Intel/Altera FPGAs (or others)
- Familiarity with debuggers (desired Lauterbach), oscilloscopes and logic analyzers
- Experience with HIL systems for test execution
- Knowledge of embedded operating systems (e.g FreeRTOS or similar)
- Knowledge of Linux
- Basic knowledge of control theory
- Basic knowledge of electrical machines and converters
- Knowledge of Matlab/Simulink and model-based design

What we offer

- Great work conditions inside a worldwide group
- Permanent employment contract (after probation period)
- Private healthcare by Luxmed
- Mybenefit (Multisport) platform
- Life insurance
- Career development opportunities

If you are interested in an offer, please contact us

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