

SENIOR C++ SOFTWARE ENGINEER (F/M/D)

YOUR TASKS

Within this position you will join the software team and handle software development for our battery-manufacturing components. You will mainly focus on analyzing requirements, architect the software, design the modules, write code, and implement tests in a stable and efficient manner with respect and compliance to the software industry standards.

Are you an experienced software engineer and you aim for efficient development processes, pragmatic approaches to solutions and a goal-oriented implementation of projects? Then become part of one of the most innovative high-tech start-ups from Berlin.

OUR REQUIREMENTS

As part of the software team, and in collaboration with the whole engineering team you will help decide best solutions for our system applications by introducing exceptionally good capabilities with:

- software development life cycle SDLC (V-Model)
- clean coding, SOLID principles, OOP, TDD and design patterns
- modular design and structured coding
- sharing knowledge and documenting progress
- testing, debugging, and preventing errors

YOUR PROFILE

Holder of bachelor or master's degree in any MINT field with focus on software development and having at least 5 years of experience in relevant industry with strong experience in:

- modern C++ (from C++ 11), python is a plus
- modelling languages (sysML, UML) and modeling software (Enterprise Architect, MagicDraw, Software Ideas modeler or similar)
- build system Cmake, make and compilers gcc/g++, msvc
- Cross-platform development & different OS (Windows, Linux), embedded OS, RTOS, microcontrollers
- version control system git, platform GitHub and automation tools like GitHub actions
- GUI, HMI design and open-source framework like QT
- software testing (unit test, acceptance test, integration test)
- good English ability, German language is a plus

OUR JOINT GOAL

We offer you the opportunity to work on the development of our revolutionary battery technology as part of our core team. You will receive a high degree of responsibility and freedom to take decisions in a dynamic working environment on the threshold of industrialization.

ABOUT THEION

Headquartered in Berlin, Germany, theion GmbH is entering the mobile battery market with a unique solution for the biggest energy storage problems of the world. theion designs and produces Crystal Batteries for applications from aerospace, portable devices, wearables, to vehicles on land, sea and in the air. By using sulfur in its crystal form, an abundantly available material, without harmful mining and at 99% lower cost than state-of-the-art cathode materials, Theion's cells are targeting to triple the energy density, extending usage time and range by factor three.

Interested? Then contact us with your complete application documents via career@theion.de

Reference: e4_c++_software_engineer