Software-Engineer, Back-End f/m/d in the Energy Sector

You want to accelerate the Energy Transition?
To you, Artificial Intelligence is not only a Buzz-word?
You are ready for a complex, demanding and satisfying challenge?

Get in touch!


Our profile
Gridhound ([www.gridhound.de](http://www.gridhound.de)) is a start-up/spin-off of the ACS institute (Automation of Complex Power Systems) at RWTH-Aachen University and its E.ON Energy Research Center. We developed a solution for innovative and cost-effective monitoring of distribution power grids. Our machine-learning approach for estimating the state of the medium and low-voltage grid in real time actively accelerates the energy transition and enables distribution grid operators to proactively avoid problems and optimize grid operation.

Your tasks
We are looking for an experienced and passionate software engineer (f/m/d) that thrives in a small, focused and highly collaborative team. You will be working closely with the engineering team to not only develop, but also help define and execute on projects. Strong problem-solving skills, thinking outside the box, dealing with ambiguity and creating your own structures are skills that we value. You will be working on a data processing pipeline based on a microservice-architecture with most of the components implemented in Python, the front-end in JavaScript and the remaining ones in C++ where performance is key. For machine-learning we are working with Keras and TensorFlow.

Your profile
- Technical degree or equivalent industry experience
- Ideally 2+ years of practical experience in modern software development with Python
- Optimally experience with back end technologies and concepts like Tornado, numpy, pandas, C++, Microservices, Databases (Cassandra, PostgreSQL) and others
- Good knowledge of the deployment mechanisms for Linux (e.g. Docker)
- Appreciation for clean, understandable and maintainable code (DRY, KISS, SOLID)
- Able to communicate technical issues with non-technical users
- Ability to multi-task and manage tasks with varying priorities
- Experience in the energy sector, IT Security or Machine Learning (ANN) are advantageous
- Speak and write English fluently, German or any other language is a plus

Our offer
- Decision-making scope on diversified and challenging tasks
- Work in a small, agile team with flat hierarchies and good chances on career advancement
- Flexibility and freedom in solving the daily tasks
- Impact on the project, the company and the energy transition
- Application of latest technologies and tools
- Profit-share for well-deserved employees (planned)

Apply to Gridhound, now!
Write to Nicole Gerlach (Co-Founder) using the email [jobs@gridhound.de](mailto:jobs@gridhound.de)