

# SIMULATION ENGINEER – MICROGRID SOLUTIONS (F/M/D)

## Application details:

**Type of position:** full time, Berlin

**Entry date:** as soon as possible

**Contact:** Sebastian Wolfsteiner, Jeet Banerjee, Team Digital Solutions

**Application documents via mail to:** [bewerbung@inno2grid.com](mailto:bewerbung@inno2grid.com)

The Team **Digital Solutions** acts as the innovation hub for Schneider Electric and as such develops innovative solutions and software products along the existing hardware product portfolio. We are based on the EUREF campus in Berlin and in this environment, we have excellent opportunities to develop promising ideas. We want to break new ground and always be one step ahead when it comes to digitization - that's what drives us. We are looking for people who bring their enthusiasm, talent and expertise to the table and work with us to shape digitization in the energy, building and mobility segments.

You would like to contribute your energy system understanding and modeling skills in one of the most promising industries of the future and make a contribution to the energy and transport transformation? Then join our team and let's tackle the challenges of our customers together!

## Focus activities:

- Advising customers on the conception of individual, integrated energy systems – Microgrid solutions
- Simulate various scenarios and conditions to find the best optimized Microgrid solution and energy mix for the customer.
- Query and targeted identification of customer requirements
- Energy economic and energy law classification of the technical concepts
- Creation of reports and concepts
- Establishing contact with manufacturers of innovative, energy-related and economic solutions and evaluating these solutions for our projects
- Use and further development of our digital solutions and modeling solutions

## Our offer:

- A young, diverse team of ca. 60 employees with flat hierarchies, a goal- and value-oriented mentality and a passion for new things
- A dynamic and secure working environment in a joint venture of DB E.C.O. Group and Schneider Electric, with the prospect of a long term, diversified professional perspective
- A lot of creative freedom and independent action
- Flexible working hours with mobile working
- Personal togetherness at summer parties, team events, joint sports activities or simply lunch on our beautiful EUREF campus
- Benefits such as job ticket and JobRad, pool electric vehicle, mobility budget, company pension plan, fresh organic fruit in the office etc.

## About you:

- Completed Bachelor's degree in engineering (Energy technology, electrical engineering, physics, renewable energy Engineering, ...) related to the topic of energy supply and renewable energy
- First experiences in the conceptual design of decentralized energy supply concepts with an overview of the common generation technologies (PV, heat pumps, CHP, hydrogen systems, batteries, ...) as well as in MATLAB based tool / Python or other higher programming languages
- Energy system modeling in common tools (HOMER, PV-Syst , HelioScope, MDT, DER-Cam ...) is nothing new for you
- Basic knowledge of the German energy market, Tariff structure and legal framework
- Curious and open personality with the desire to advance the energy transition
- High problem-solving skills with a creative and independent way of working
- Previous experience with Microgrid systems, HVAC and Electromobility is a plus
- MS Office and related tools knowledge for creating complex consulting reports is an advantage
- Very good language skills in English, both spoken and written. German Skills would be a plus.

## Your next step:

You are interested in a diversified job in a young company?

Then we look forward to receiving your application with salary expectations and a possible start date at [bewerbung@inno2grid.com](mailto:bewerbung@inno2grid.com)!

## Why us?

We are a **young team** and enjoy developing and implementation of holistic, customer specific solutions. inno2grid is a joint venture between Deutsche Bahn Engineering & Consulting and Schneider Electric whose development is shaped by its employees.

A position at inno2grid offers a job in an innovative company with a high degree of personal development opportunities, the possibility of self-realization in flat hierarchies and the prospect of a long-term and varied professional perspective. inno2grid relies on personalities who are characterized by entrepreneurial thinking and action, a goal and value-oriented mentality and a passion for new things.

In addition to the outstanding professional qualifications and competence of its employees, inno2grid relies on their above-average initiative and responsibility, teamwork skills and flexibility as well as the willingness and motivation to perform.

Whether at beach volleyball during a break or at a barbecue, it is important to the i2g-Team to spend time together not only in the office, even if it is a particularly beautiful location on the **EUREF campus**.