

SYSTEMS ENGINEER (F/M/D) DIGITAL SOLUTIONS

Application details:

Type of position: full time, Berlin

Entry date: As of now

Contact: Mathias John, Team Digital Solutions


Application documents via mail to: bewerbung@inno2grid.com

The inno2grid Team **Digital Solutions** is the digital innovation hub for Schneider Electric and as such develops innovative solutions, business models and software products to enable, and for the energy world of the future. We are based on the EUREF campus in Berlin, a living example of the future energy landscape, and in this environment, we have excellent opportunities to develop solutions to tackle the energy transition challenges.

Breaking new ground and always be one step ahead when it comes to digitization on the energy market - that's what drives us. We leave no stone unturned to enable the future energy landscape. Our project portfolio is very diverse, and continuously growing ranging from strategy consultancy, market research and analysis, conceptualization of the complex energy system, and developing new software tools to venture building and international consultancy on the energy markets. 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.

Focus Activities:

- Configuration of Communication Interfaces of Distributed Energy Resources such as Battery Energy Storage Systems (BESS), Electric Vehicles (EVs), Photovoltaic Systems (PV), Heat Pumps with Cloud-Based Distributed Energy Resource Management System
- Design SCADA and Communication Layouts
- Configure Edge Gateways, Routers, Firewalls and secure VPN connections
- Programming of PLCs for Energy Management Functions
- Coordination of the network and data connection of plant manufacturers, network operators, direct marketers and other third-party systems
- Collaborate with product development stakeholders as well as data and design departments to assist with data-driven technical issues and serve infrastructure needs
- Create and edit the necessary specifications and manuals
- Work on the system integration and prepare the commissioning of the various components
- Develop requirements for site acceptance tests & support the execution with suppliers and customers

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- Carry out the commissioning of Distributed Energy Resource Management Systems in customer projects
 - Manage Communication Integration Projects with relevant Stakeholders
 - Contact person within the project development team for all questions in the field of IT and SCADA

Our offer:

- A young, diverse team of 70 employees with flat hierarchies, a results- and value-oriented mentality and a passion for new challenges
- 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, subsidy for lunch at the EUREF Campus, subsidy for the use of learning platforms, fresh organic fruit at the office etc.

About you:

- Sufficient understanding of SCADA systems in power transmission
- Comprehensive vocabulary in Technical English
- Knowledge of process/signal data processing, as well as signal switching
- Good IT knowledge and experience in network design and secure site networking (firewall appliances, VPN)
- Experience with communication Protocols such as Modbus, MQTT
- Sufficient understanding of PLC programming
- Experienced in Project Management

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!

Why us?

We are a **young team** and enjoy developing and implementing 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 has a particularly beautiful location on the **EUREF campus**.