

Junior Software Developer (m / f / d)



Do you want to use your coding abilities to make an impact on the world-wide transition to renewable energies and smart grids? At Secure Switzerland, you can do just that! We are looking for a highly motivated Junior Software Developer to enhance our local development team.

Your profile:

Required:

- You have a strong background in computer science, software engineering, or similar fields
- You are interested in both frontend and backend development (full stack)
- You know Java or JavaScript and have an understanding of web application architectures
- You made first practical experiences with a current frontend framework, e.g., Angular, ideally outside a classroom environment
- You are not afraid of large code bases, complex algorithms, and scientific computations
- You are a strong team player, and you are interested in writing code in a distributed team in a larger code base
- You are intrinsically motivated and driven, which enables you to learn and work independently
- You are willing to work at our office in Zurich-Altstetten (occasional home office is possible, but frequent presence at the office is desired)
- You are proficient in English

Ideally:

- You have a history of successful programming projects that you can show, or you have made contributions to open-source projects (you are welcome to share your GitHub username!)
- You have a basic understanding of the energy system, especially electricity grids, or an interest to learn more about them
- You have experience with implementing performant algorithms
- You understand how large quantities of time series are handled within an application and database
- You have first experiences with ETL (Extract – Transform – Load) processes
- You have experience with as many of the following technologies as possible:
 - > Java, JavaScript/TypeScript
 - > Angular, AngularJS
 - > Play Framework, Node.js
 - > REST APIs, WebSocket
 - > MongoDB
 - > Jenkins, Cypress
 - > SonarQube
 - > git
- Knowledge of German is helpful

Your responsibilities:

- Implement software features in the Adaptricity product set according to the product roadmap in an agile development environment and write automated software tests
- Collaborate with your peers within a cross-functional team based in Zurich and India
- Work together with our project engineers within customer projects that require development
- Contribute to incremental improvements and bug fixing
- Conduct peer reviews of implementations of other developers
- Participate in specification and planning meetings
- Participate in the estimation of development tasks for quotations
- Write database migration scripts

With your abilities and enthusiasm, you will make an important contribution to the effective development of the product portfolio. You will continuously improve the customer value of our software by creating high-quality software functionalities and streamlining the existing ones.

What we offer:

- A chance to shape the future of the energy industry
- Plenty of creative freedom to actively shape our products and company development
- Motivated, collegial, young team (many of us are around 30)
- Office location in Zurich
- Flexible working hours, part-time work possible (80 - 100%)
- Table football in the kitchen
- Occasional team events
- You can choose whether to work with Windows or Mac, whichever you are more comfortable with

Our company:

Secure Switzerland AG was founded under the name of Adaptricity AG as a spinoff of the Power Systems Laboratory at ETH Zurich. Since November 2021, it is part of the smart meter manufacturer Secure Meters Ltd. We specialize in smart grid calculations, simulations, and data analysis. Our young team develops innovative software products that enable grid operators to use challenging analyses and calculations efficiently and easily for their daily work. We strive to make a substantial contribution to the transition to sustainable energy systems based on renewable energy and electric mobility.

Contact:

We are looking forward to receiving your application at:
jobsadt@securemeters.com