



OMICRON designs, realizes, and distributes innovative solutions to make the power supply safer and more reliable. A decisive factor for many years has been the consistent focus on employee satisfaction, which has earned OMICRON multiple awards in local and international "Great Place to Work" rankings. Values such as trust, openness, and appreciation have guided us in our daily work for over 40 years.

We are currently looking for a

## Developer – simulation models for electrical networks full or part-time (f/m/x)

### What's it all about?

- Collaborate with a dynamic team to develop advanced test approaches for power system protection testing
- Design comprehensive tests that are independent of relay type, manufacturer and complex parameter settings
- Ensure the protection system's correct behaviour by simulating realistic network events using electromagnetic transient simulation (EMT)
- Continuously expand and enhance the simulation core with new and advanced elements
- Utilize MATLAB for optional modelling of network components
- Implement and integrate these models into the product using C#
- Conduct thorough testing and validation to guarantee model performance and reliability

### What are we looking for?

- Basics in electrical network modelling and calculation
- Basic programming skills (C# knowledge is an advantage)
- Good knowledge of MATLAB/Simulink or similar tools
- You are on your toes and enjoy working with people, but also very independent and self-reliant
- Ability to analyse complex systems and identify key components and behaviours
- You have a good command of English

The position sounds exciting, but you do not fulfil all requirements yet?

Show us your motivation and apply via [www.omicron.jobs](http://www.omicron.jobs).

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Statutory notice: the monthly salary may considerably exceed the level stipulated by the collective labour agreement. The actual salary is based on the individual professional qualification and experience.

