



## About us

Neoscan Solutions GmbH is a young MedTech company dedicated to developing innovative solutions in medical MRI imaging. At our headquarter in Magdeburg's Wissenschaftshafen, we develop and manufacture cutting-edge MRI systems for hospitals and research institutes around the world. We collaborate closely with the Otto-von-Guericke-University of Magdeburg, and the Research Campus *STIMULATE*.

## Who are we looking for?

We are looking to hire immediately a full-time or part-time position for an

# MRI Magnet Simulation Engineer (f/m/d)

## Your role

You will work on the simulation and optimization of superconducting magnets and other field-generating units, which are at the core of our MRI technology.

## Your tasks include

- Designing and optimizing **superconducting magnet systems**
- Developing simulations models using **OPERA, MATLAB, and C/C++**
- Application of **optimization methods** (e.g., genetic algorithms, simulated annealing)
- Refining models by taking experimental data into account
- Collaborating closely with our **engineering and development teams**

## Your profile

- Degree in **physics, electrical engineering, computer science, applied mathematics, or similar**
- Interest in modelling, simulation, and optimization of physical systems
- Ability to work both **independently and as part of an interdisciplinary team**
- Good communication skills in **English** (German is a plus)
- must have the right to work in the EU/Germany (Visa)"

## Why join Neoscan?

- Work on **cutting-edge MRI technology**
- Be part of an **international, interdisciplinary team**
- **Flexible working hours** and **partial remote work**
- A modern and collaborative working environment
- **Fair and competitive compensation**
- Mentoring and onboarding if you are new to the field
- Opportunity to **contribute to scientific publications and academic collaborations**
- The chance to **make a real impact in healthcare**

## How to apply?

Please send your complete application documents (cover letter, CV, and transcripts) by email to:

Dr. Stefan Röhl, [recruiting@neoscan-solutions.com](mailto:recruiting@neoscan-solutions.com)