



Job Opening

Research Software Engineer

Full time – Münster, Deutschland

About 52°North

52°North Spatial Information Research GmbH conducts applied research on spatial data infrastructures and the extraction of spatial information products. As a private non-profit research institution, we support open science, open data and open source software. We are the ideal employer to work in close scientific cooperation with universities, as well as with private sector partners to provide them with tailored applications and solutions.

About the role

We are looking for Research Software Engineers (m/f/d) to further strengthen our innovative R&D team. Our team explores and develops approaches for the management, processing and visualization of spatio-temporal data in European and national research projects. The data are typical geospatial data, such as geosensor, vector and remote sensing data. Our technical contexts include, for example, marine and meteorological applications as well as climate change impacts.

What you will do

- Conception of new approaches for the efficient management of geodata
- Design and development of web and mobile applications based on state-of-the art methods and technologies
- Integration of scalable data processing frameworks to create and provide analysis-ready data
- Development of solutions for the analysis and presentation of geodata and information products

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What we offer

- National and international projects with partners, such as DLR, EC, JRC, EUMETSAT, ESA, OGC.
- Contribution to solving current societal challenges, such as climate and environmental protection or resource efficiency
- Varied, as well as challenging activities and responsibilities
- Close cooperation with science, industry and public institutions
- Agile, interdisciplinary team
- Living team culture: a collegial and motivated environment
- Active involvement in the company via short communication and decision-making channels
- Ideal environment for personal, professional and scientific development by means of publications and the opportunity for doctoral studies
- Pleasant work-life integration - very flexible working conditions (working hours, location, mobile working)
- Münster, one of the most desirable cities in the world to live

What you have to offer

- University degree in geoinformatics or computer science (or in comparable subjects)
- Practical experience in software development
- Basic understanding of spatial data infrastructure concepts
- Detailed knowledge of state-of-the-art web technologies
- Practical experience in the field of spatial data management
- Very strong written and spoken German and English skills
- Enthusiasm for cutting-edge software development
- Quick perception, creativity, ability to work in a team and willingness to take on responsibility
- Ambition to work independently and scientifically

Interested?

We would love to hear from you!
Please send your application with the usual documents to Ann Hitchcock:
careers@52north.org.