

Job Opening

Research Software Engineer

Full-time Position – Münster, Germany

52°North GmbH is looking for a Research Software Engineer to support our team within the BMU funded project KISTE. You will be working with a team of Geodata enthusiasts and cutting edge software frameworks to explore Geo-AI-based data analytics and its applications.

**Your tasks will focus on:
(depending on
your skill set)**

- _ 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 analysis-ready spatio-temporal data for ML and AI, based on cloud and HPC technologies

**Your background and
qualifications:**

- _ Diploma or MSc degree in Geoinformatics or Computer Science (or equivalent)
- _ Significant experience in the field of software development
- _ In-depth knowledge of state-of-the-art web technologies
- _ Significant experience in Geodata management
- _ Good overview of machine learning and related software frameworks
- _ Very strong German and English language skills - oral/reading/writing
- _ Enthusiasm for working at the cutting edge of research and professional software development
- _ Readiness of mind, creativity, team spirit and good organizational skills for your area of responsibilities

What we offer:

- _ Internationally operating research institute
- _ Close cooperation with academia, industry and administration
- _ Dynamic, highly motivated and dedicated team
- _ Challenging job with individual responsibilities
- _ Flat management structure, short communication and decision-making channels
- _ Ideal environment for personal and professional development (PhD option)
- _ Congenial, loyal working atmosphere, flexible working conditions (positive work-life balance)
- _ Münster, a lively student city in the heart of the Münsterland biking country

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About us:

52°North is a private non-profit research organization in the field of geoinformatics. We develop new concepts, technologies and innovative applications for geoinformation infrastructures. We are a multidisciplinary team of about 20 researchers, software engineers and data scientists, working on topics such as Sensor Web Technologies, data analytics and near real-time processing of very large volumes of spatio-temporal data. 52°North contributes to many national and international research projects. The application domains are diverse and range from environmental monitoring, disaster control, smart cities to Industry 4.0. Furthermore, 52°North supports customers as a trusted advisor and provides qualified consulting and software development services.

Contact:

Full applications can be addressed to: careers@52north.org.