



# Job Opening

## Web Developer Front-End (m/f/o)

Fulltime Position – Münster, Germany

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### Who we are ...

52°North is a private non-profit research organization in the field of geoinformatics. We develop new concepts, technologies and innovative applications for geo-information 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.

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### Why we are hiring a front-end web developer ...

Web technologies play a very central role in today's geoinformation infrastructures. For our research projects and customers, it is becoming increasingly important to make spatial data available on the Web, to visualize it in a user-friendly way and to integrate it into innovative applications.

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### What you will be working on ...

- \_ Enhancement of existing software solutions (e.g. map-centric time series visualizations)
- \_ Design and development of specific web applications for customers
- \_ Feedback to our back-end developers (e.g. when interacting with APIs)
- \_ Responsive design approaches
- \_ Development and realization of UI test concepts

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## **Our current front-end software technology stack ...**

- \_ Angular 6+ (also Ionic framework)
- \_ TypeScript, (vanilla) JavaScript
- \_ CSS/SASS
- \_ Build tooling (webpack, mocha, npm)
- \_ CI/CD (Jenkins, Travis)
- \_ Docker

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## **Your background and qualifications ...**

- \_ Diploma or MSc Degree in Geoinformatics or Computer Science
- \_ Professional experience in the field of software development
- \_ Deep knowledge of web development technologies (JavaScript, TypeScript, relevant frameworks)
- \_ Very good English oral and written skills – German language skills are a plus
- \_ Profound theoretical and practical experience with geospatial data
- \_ Enthusiasm for working at the cutting edge of research and professional software development
- \_ Readiness of mind, creativity, team spirit and the ability to organize yourself in your own area of responsibility

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## **What we offer ...**

- \_ Versatile job with individual responsibilities
- \_ Internationally operating organization
- \_ Flat management structure, direct communication and quick decision-making channels
- \_ Flexible working environment (positive work-life balance)
- \_ Congenial, loyal working atmosphere
- \_ Münster, a lively student city in the heart of the Münsterland biking country

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## **Contact**

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