

Frontend Developer – Geospatial Web Applications (m/f/d)

Marble Imaging: We are a German NewSpace company, combining engineering, aeronautics & Earth Observation to address global challenges from community resilience, climate adaptation and disaster management. Marble Imaging is developing its own constellation of Very High Resolution (VHR) multispectral satellites designed to provide frequent global coverage and enable advanced Earth Observation analytics. The first Marble satellite is scheduled for launch in Q4 this year

We are a fast-growing and diverse team, comprised of highly motivated professionals from various backgrounds. We share a common vision to make EO data and analytics more accessible and understandable so they can be incorporated into rapid-decision-making.

The Team: You will be part of the Marble Data and Products (MDP) team. The team is composed of data scientists, engineers and developers working on the development of the Marble data processing software, EO-based analytics and geospatial portal development.

Location: Our headquarters is in Bremen and we have an office in Frankfurt. Candidates should be located in the Frankfurt or Bremen region and be willing to work from one of our offices at least three days per week.

Your role: As a Frontend Developer, you will contribute to the development of Marble's web-based geospatial data platform that enables users to access, explore, and interact with satellite imagery and Earth Observation analytics. Technologies you may work with include TypeScript, modern frontend frameworks, mapping libraries, and APIs serving large geospatial datasets. You will design and implement intuitive user interfaces for visualizing large geospatial datasets and interacting with EO-based insights. Working closely with geospatial data scientists, AI engineers, and backend developers, you will help translate complex Earth Observation data into responsive and user-friendly applications.

Your main tasks:

- Development of modern web interfaces for accessing and interacting with satellite imagery and geospatial datasets
- Development of intuitive user interfaces for exploring, analyzing, and downloading geospatial data products
- Translate Figma wireframes to production ready web applications
- Integration of frontend applications with backend APIs and geospatial data services
- Optimization of performance and usability when handling large geospatial datasets
- Collaboration with geospatial data scientists, backend developers, and product teams to translate user needs into effective software solutions
- Implementation of responsive and user-friendly interfaces for professional and institutional users

Your profile:

- Degree in Computer Science, Software Engineering, or a related field
- Experience developing web applications using TypeScript
- Familiarity with CI/CD pipelines and modern development workflows
- Experience with modern frontend frameworks such as Angular or React
- Experience with interactive mapping libraries e.g. Leaflet, MapLibre etc.
- Good understanding of UI/UX principles for complex data applications
- Experience integrating REST APIs and data services into web applications (bonus for working with STAC)

- Familiarity with geospatial portals, cloud-based applications and modern web architectures is an advantage
- Ability to work in an interdisciplinary environment with geospatial scientists and AI engineers.

What we offer you here at Marble Imaging

1. You will be part of a NewSpace company that is revolutionizing the world of EO with its own fleet of European satellites.
2. You will have a chance to work in a fast-growing, multi-disciplinary, and diverse team with a strong desire to change the world.
3. Participation in our VSOP (Virtual Share Option Plan).

At Marble Imaging, we are committed to fostering an inclusive and welcoming workplace. We believe that diverse voices bring diverse perspectives that fuel innovation, creativity, and the ability to tackle global challenges effectively. We encourage individuals of all races, ethnicities, genders, sexual orientations, abilities, and backgrounds to join us in our mission to change the EO world. We are an equal-opportunity employer.

Join us on our mission to explore and reimagine the possibilities of VHR EO based analytics and help us tackle global challenges. If space is the final frontier, you will be getting one step closer to reaching it with Marble Imaging. Contact us for questions and information at contact@marble-imaging.de

Contact for this position:

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Marble Imaging GmbH

Court of Registration: Amtsgericht Bremen, HRB 41893