

Full Stack Developer – M/W

Permanent contract - Full time
Partial telework possible

How to apply:

Send your detailed resume with the following reference 2022-08/DD/DFS to recruitment@mercator-ocean.fr

Deadline for applications: 03/10/2022

Date of publication: 05/09/2022

About the job:

Within the Digital Development department, you will be responsible for the development of Mercator Ocean International's new Cloud services, developed and deployed as part of the European Commission's Digital Twins of the Ocean implementation programmes.

The Digital Development Department will prototype and implement a public platform to develop these digital twins. This platform will offer users the opportunity to produce and store oceanographic data online, by defining regular or on-demand reproducible tasks. The data can be viewed, catalogued, and shared with their communities. This new platform should integrate with existing services, including ocean data access services or supercomputers.

You will be part of a multidisciplinary team working in an international project for the protection of the oceans and the marine environment.

In this context, and within the expanding Digital Development department, you will be more specifically in charge of:

- Developing and deploying backend and frontend services, integration tests and continuous integration and deployment chains (CI/CD)
- Test, selection and integration the most relevant tools and software from the market for the implementation of the technical stack
- Working with Cloud Operators (Ops) to converge on an efficient development and deployment method (DevOps approach, Infrastructure as Code)
- Analysing feedbacks, maintaining, and implementing new features.

In addition to these missions, you will have the opportunity to provide support and expertise to Mercator Ocean International's oceanographers, engineers and scientists to understand and answer their needs, and help them adopt new cloud solutions.

Assets for success:

You have a MSc. degree or an engineering degree in computer science or equivalent with a minimum of 3 years professional experience in the development chain.

You are willing to join a development team working in Agile method with a Devops approach, and valuing pair programming.

We are looking for candidates:

- With experience in backend and frontend development and understanding of the challenges of production services.
- Able to perform a variety of tasks, curious about new technologies and familiar with the Python and/or Java and/or Javascript ecosystems (React, NodeJS).
- Comfortable with continuous development tools such as Git, GitLab, bash, Jenkins and Docker.
- Fluent in written and spoken English

A sensitivity to building a good user experience would be an asset.

Your rigour, vigilance, organisation, as well as your good capacity for analysis and synthesis will contribute to the smooth running of the company.



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Who are we?

Mercator Ocean International has been developing operational oceanography activities for nearly 25 years, as part of its public interest mission to preserve the ocean.

Many scientific and societal challenges must be met to ensure a sustainable ocean, whether they concern the environment, biodiversity, climate change, the blue economy or education. To meet these challenges, Mercator Ocean designs, develops, operates and maintains state-of-the-art digital systems capable of describing, analysing and forecasting the state of the ocean in 3D, continuously and in real time. The scientific information is then translated to be accessible to all, whether they are public or commercial services, political decision makers, industrialists, associations, NGOs, teachers or citizens. Mercator Ocean International thus combines scientific excellence and social commitment on a daily basis.

As a non-profit company under multinational governance (ES, FR, GB, IT, NO), we work in a climate of trust with our ten shareholder partners, all key players in the development of European oceanography.

MERCATOR OCEAN

INTERNATIONAL

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