

## Cloud Infrastructure Operator – M/W

**Permanent contract - Full time**  
**Partial teleworking possible**

### How to apply:

Send your detailed resume with the following reference 2022-08/DD/OIC to [recruitment@mercator-ocean.fr](mailto: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 operations of Mercator Ocean International's new Cloud Services (Ops) 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:

- Defining strategies for cloud infrastructure provisioning, networking and cyber security
- Working with developers to converge on an efficient development and deployment method (DevOps approach, Infrastructure as Code)
- Maintaining the infrastructure and applications deployed on the cloud in operational conditions.

In addition to these missions, you will have the opportunity to provide support and to work with the systems engineers and administrators of the Mercator Ocean International Data Centre to build a hybrid cloud, to mutualise costs and to optimise existing services.

### 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 field of cloud deployment.

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:

- With experience in deploying and operating Cloud applications, with different Cloud Providers (like AWS, Google, OVH or Scaleway), different deployment / provisioning / orchestration tools (like Docker, Ansible, Terraform, Kubernetes, Nomad or Apache Mesos) and service monitoring and alerting tools.
- Comfortable with continuous development tools such as Git, GitLab, bash, Jenkins.
- Fluent in written and spoken English
- Willing to build the future hybrid cloud of Mercator Ocean International.

Skills in hybrid cloud management and/or data storage management (data management, hot/cold storage) 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

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