Cloud application Engineer (F/M)

12-month fixed-term position

Who are we?

Mercator Ocean International has been a pioneer in operational oceanography activities for nearly 25 years through its public service mission to preserve the ocean. Many scientific and societal challenges need to be met in order to ensure a sustainable ocean, whether they relate to the environment, biodiversity, climate change, the blue economy or education. To meet these challenges, we are required to constantly and in real time describe, analyse and forecast the state of the global ocean using reliable numerical models, then make this information relevant and accessible to all — whether public or commercial services, manufacturers, policy makers, 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 nine shareholding partners, all key players in the development of European oceanography.

Mercator Ocean International has been conducting the Copernicus Marine Environment Monitoring Service since 2014 on behalf of the European Union. CMEMS offers free, open access to scientifically validated operational information on the ocean to several thousand subscribers worldwide. To this end, the company coordinates a unique network of around 100 partners in Europe specialising in Earth observation and ocean forecasting.

Based near Toulouse in South-West France, the company's 100 or so contributors are all committed to achieving the United Nations' sustainable development goals.

About the job:

We are looking for new talent with similar objectives. Our operational oceanography department is offering a 12-month fixed-term position with possible extension to someone with the following profile **Cloud application Engineer (F/M)**

Within the Evolution service, you will be responsible for the development and maintenance of oceanographic applications deployed on Cloud platforms. These various applications may concern calculations of ocean indicators for ocean climate monitoring, quality diagnostics to measure the performance of a forecasting system, numerical models to calculate the trajectories of marine turtles or other species, for example.

Your Mission :

- You will contribute to the definition of the applications to be developed in accordance with the specificities defined in the current projects
- You will contribute to the development of applications with a view to their deployment on the available Cloud platforms

MERCATOR OCEAN
INTERNATIONAL
Parc Technologique du Canal - 8-10 rue Hermès - 31520 Ramonville-Saint-Agne, FRANCE
Tél : +33 5 61 39 38 02 - Fax : +33 5 61 39 38 99
Société civile de droit français au capital de 2 000 000 € - 522 911 577 RCS Toulouse - SIRET 522 911 577 00016

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- You will be responsible for the supervision and maintenance of the applications made available to the projects in progress
- You collect, from the groups in charge of the services used by the applications, the technical information necessary for the needs of the R&D projects.
- You propose technical solutions adapted to the projects on the basis of existing operational services.
- You document the developments and technical elements made available to the projects.
- You check documents, data and information for delivery

About you:
You have 5 years of higher education, in informatic, digital, enginering

The qualities we are looking for:
- You are familiar with the use of computer tools, you know algorithmic, numerical analysis, scientific programming languages (FORTRAN, PYTHON, C++),
- You are familiar with the use of Cloud platforms and associated application programming interfaces, notebooks (Jupyter).
- You are familiar with computer environments (UNIX, LINUX, WINDOWS), graphic development interfaces, word processing and presentation software (WORD, POWERPOINT).
- Rigorous, used to working in a team, curious and open-minded, you wish to bring your contribution and your ideas to ambitious projects and international collaborations to be developed.
- Your innovative skills and results will be put to good use by the teams to optimise the performance of methods and systems.
- You speak and write English fluently

How to apply:
Send your cover letter and a detailed CV with the following reference 2021-04/OO/IAC to recruitment@mercator-ocean.fr

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