

JUNIOR GEOSCIENCE Software Engineer

Summary

- **Title:** Geoscience Software Engineer
- **Contract Type:** Permanent position
- **Base Location:** Rueil-Malmaison near Paris France, with missions abroad
- **Job Reference:** 2024-Junior-Geoscience-Software

Job Overview

Beicip-Franlab is a leading consulting company in the Energy domain and a geoscience software editor renowned for its technical excellence.

We are seeking a geoscientist to join the Basin Evaluation & Modeling team as a junior engineer in geoscience software. You will be involved in the development of basin modeling software: DionisosFlow, TemisFlow, KronosFlow & CougarFlow packages. Those software are leading-edge solutions for process-driven basin modeling, stratigraphic modeling and risk/uncertainties management which keep evolving to tackle today's E&P challenges in new energies.

As a modeler and software specialist, you will primarily participate in the planning, steering & testing activities of the development program, reporting to the product owners. You will engage with software developers, clients and in-house geologists & modelers to make sure the solutions remain up to par with the industry needs & standards. A key expectation of the job is proactivity in fostering the implementation of capabilities tailored for new energy technologies such as CCUS (Carbon Capture Utilization and Storage), geothermal modeling, natural H2 modeling and more. You may also take part in post-sales services such as mentoring, capacitation and user-support. We have implemented the Agile approach in our software development workflow, consequently, you are expected to be familiar (or willing to become to) with the methodology. You will use our petroleum system modeling software package on a daily basis, as such being familiar with it (or with similar technology) will be an advantage when applying for this position.

Further to this position, various career paths within our organization may unfold with a main orientation towards software product owner and software technical sales.

You will work at Beicip-Franlab headquarters in France (Paris area) but may have short assignments abroad, in South America, Europe, Asia, Africa or the Middle East.

Responsibilities

Acting as a junior geoscience software engineer, the successful candidate will be expected to:

- Partake in the development cycles of in-house petroleum system modeling and new energies packages;
- Engage with clients, developers, designers and the inhouse modeling community to make sure developments are in line with the expectations of the industry;
- Analyze and provide solutions to clients through the support activity;
- Write technical documents describing precisely new functionalities to develop and test them;
- Provide training for clients;
- Give technical presentations of our products to potential clients.

This is an ideal role for an innovative and ambitious professional who wishes to be actively contributing to the design of cutting-edge geoscience software solutions and have varied everyday activities.

Qualification And Experience

The applicant should meet the following requirements to be eligible for the position:

- MSc in geophysics, geology or petroleum engineering;
- An experience using software solutions in the oil and gas industry is appreciated;
- Working knowledge of Unix and PC systems;
- Strong interpersonal and communication skills, written and oral;
- A confident and assertive personality with the ability to provide effective technical leadership and articulate strong technical arguments;
- Commitment for mobility as the job may include short-term and long-term missions overseas;
- Fluent English mandatory, other language advantageous;
- Legal right to work in France without company sponsorship.