

# Geoscience software Specialist

- More than **20 nationalities**
- Presence in over **100 countries**
- Several expatriations opportunities and **missions abroad**
- Collaboration with international **experts**
- Innovative and unique solutions to match **clients' challenges**
- Challenging projects demanding the **highest technical expertise**
- Multidisciplinary integration through **teamwork**
- Development of **highly specialized skills**
- Career path fitting your skills and interests

## SOFTWARE ACTIVITY

Our software division is divided into several geoscience software product lines:

- **Basin Modeling**
- **Reservoir Characterization**
- **Reservoir Simulation**
- **Fractured and Unconventional Reservoirs**
- **Uncertainty Management**



## Responsibilities

The successful candidate will be reporting directly to the Product Line Manager and will be expected to:

- organize and contribute to discussions to plan future developments with clients, researchers and developers
- write technical documents describing precisely new functionalities to be developed and test the reliability of the results obtained with new items
- give technical presentations of our products to potential clients, as well as provide training and technical assistance through short-term missions abroad
- analyze data and provide solutions to clients through the support activity
- be able to manage multiple tasks in parallel

## Career Evolution

Within this framework, we propose ongoing and individualized training, which constantly opens evolution opportunities to our Geoscience Software Engineers.

Beicip-Franlab offers tailor-made career evolutions and some international positions to each individual, depending on his/her skills, talents and wishes, such as:

- Product Line Manager of a group of software
- Business Development Manager for software
- Project Manager of an integrated exploration or field development project
- Expert in his/her specialty (reservoir simulation, geostatistics, seismic inversion...)
- Geoscience Software Engineer in one of our subsidiaries

# 66 Testimonials

**Martin** • Product Line Manager -  
Fractured and Unconventional Reservoirs

*Graduated from:*



- IFP School, Rueil-Malmaison (France), MSc, Reservoir Geoscience and Engineering option, 2009
- Ecole Nationale Supérieure des Mines de Paris, Msc and Engineer Diploma 2008

**Romain** • Geoscience Software Engineer - Basin Modeling

*Graduated from:*



- Ecole Nationale Supérieure de Géologie de Nancy, Master degree and Engineer diploma in Petroleum Geosciences, 2011

## WHY BEICIP-FRANLAB?

Beicip-Franlab has a solid reputation of technical excellence that strongly attracted me and since then allowed me to gain extensive technical knowledge. The variety of clients and working contexts is also unique in this industry and is at the same time enriching, both culturally and professionally. Many opportunities and responsibilities are also offered to young people and I was rapidly directly dealing with clients: I doubt that I could have found this somewhere else in the oil and business. Finally, working in a human-sized company where you get to know everyone is something that makes your job even more enjoyable.

## COULD YOU DESCRIBE YOUR JOB?

I often have to discuss new developments through meetings or technical documents: this has taught me to be very thorough and convincing in my work. Testing new developments has also helped me gain a great deal of knowledge in reservoir engineering as you have to become familiar with many topics and always question your data and results.

I also do a lot of support for clients, which means I have to become very quickly familiar with their model and understand their problem before I look for a solution. This is an aspect of the job I find very challenging and enriching since it allows me to gain rapidly a lot of experience. In fact, the geological context is always different (carbonates, clastics, shales, folded or faulted areas...) and the problems are generally not obvious to find.

## WHAT DO YOU APPRECIATE IN YOUR JOB?

I usually have to face several tasks in parallel so I am far from being bored, which is important to me. There is also always something new suddenly showing up which gives me a good reason to get to work every day. Apart from constantly gaining new knowledge, I also enjoy being in contact with the customers or the developers. As teamwork is also essential in this job, it gives many opportunities to interact with people. Finally, business trips abroad are also very exciting as they are the opportunity to meet new people, work in a new technical context and perhaps personally make the difference in a software sale.

## HOW DO YOU EXPECT YOUR EVOLUTION IN THE COMPANY TO BE?

I have recently been promoted Product Line Manager and I hope to get more familiar with those new duties, as I keep acquiring technical knowledge. After that, all doors are open!

## WHY BEICIP-FRANLAB?

Beicip-Franlab is a very active firm linked to the research done at the IFP, which guarantees the technical quality of the software. Moreover, Beicip-Franlab offers many possibilities of career evolution linked to my expectations and interest in basin modeling.

The mobility is very interesting because one week you can be in Mexico and three weeks later in Malaysia and between the two based in Rueil-Malmaison. The teams are composed of young peoples, which make integration easy.

## COULD YOU DESCRIBE YOUR JOB?

I am part of the basin modeling team and my main task is support for the client on TemisFlow, Temis Suite (petroleum systems modeling) and sometimes on Dionisos (sequence stratigraphy modeling). The other tasks consist in writing technical documents on the evolution of the software, testing the stability of the software, internal and external training. These tasks are all very different, which make this position so interesting. I can say that I am involved in all the steps of the life of a software version.

## WHAT DO YOU APPRECIATE IN YOUR JOB?

In my job, I appreciate the technical aspects of basin modeling and the relationship with the client in the construction of a real model. Another interesting thing is the creation of new software functionalities: I am happy to see my ideas implemented and used by the client. For example, I designed the stratigraphy column in June 2012 and was pleased to see it implemented for the version of October.

The last thing is also the opportunity to go to others countries all around the world for short-term missions.

## HOW DO YOU EXPECT YOUR EVOLUTION IN THE COMPANY TO BE?

I would like to continue progressing technically and complement my professional experience. Over the next year, I will progressively take charge of the new DionisosFlow software.

**BeicipFranlab**

An IFP group company



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