Develop a Cloud Application running Innovative Scientific Engines

5 - 6 Months Internship | Montpellier*, France
*possibility to perform this internship remotely

ABOUT US

Schlumberger is the world's leading oilfield services company, with around 85,000 employees representing 170 nationalities, in 120 countries. Working globally– sometimes in remote and challenging locations – we invent, design, engineer, manufacture, apply, and maintain state-of-the-art technology to help customers find and produce oil and gas safely.

SCOPE AND SUBJECT OF THE INTERNSHIP

We are a dynamic, international and diverse team composed of software engineers, digital scientists and domain experts (geologists).
Our team's culture, focused on people, innovation, creativity and mutual support, fills us with a strong sense of purpose, and provides a fun, flexible and inclusive work environment.
Our team's mission is to build digital modeling applications representing the subsurface data in a reliable way. Our digital models are key in understanding the history of the subsurface and its structure, enabling to find oil and gas reservoirs and drill wells in complex environments.
The objective of this internship is to build a user-friendly cloud application, integrating scientific algorithms and visualizing various modeling engines.

RESPONSIBILITIES & DELIVERABLES

As a Full Stack Developer intern, your responsibilities will consist in getting up to date with the current technologies, tools, and techniques allowing the interaction and the enrichment of our internal cloud-based ecosystem. You will be in charge of developing APIs to establish the communication between our computation models and data management, cloud & orchestration systems. You will implement a cloud-based application, capable to consume the exposed APIs, allowing user inputs and interaction and ensuring the visualization of our 3D subsurface models.

TARGET DISCIPLINES AND SPECIAL SKILLS

Passionate about programming, fast learner, team player, fluent in English
Ability to build conversations with people from various backgrounds and cultures
Knowledge of web technologies with Typescript, Node.js, Angular
Python 3
DevOps knowledge (Docker & Kubernetes)
Familiar with automatic testing (functional and unit testing)

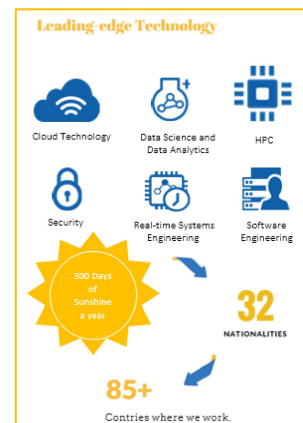## LEVEL OF STUDY AND PREFERRED QUALIFICATION

Final year

Montpellier Technology Center (MpTC) is located in the South of France; we develop leading-edge Wellbore & Structural Geology Modeling Software.

In connection with Schlumberger digital centers in Norway, the UK, the US, China and India, our innovation activities span from high precision wellbore logs to high volume seismic data, from automated real-time systems to large scale reservoir simulation.

Our strength comes from our passion for innovation and our multicultural population.

MpTC welcomes about 100 employees from more than 23 nationalities – a dynamic and energetic team working in a highly collaborative and innovative environment. We continuously offer opportunities to progress and develop, through training programs and early career exposure to our worldwide digital organization in Europe, the US and Asia.

Alexandra Iepure

Upload your CV on careers.slb.com and confirm your applicant number to FRCareers@slb.com

One of our greatest strengths is the diversity of our workforce, with men and women of many nationalities and backgrounds working together and sharing common objectives. As a company, we encourage fair employment practices worldwide and offer equal opportunities to all our employees.

Schlumberger