# Junior C++ developer

**We are looking for a dynamic and talented** Junior C++ developer to join our team!You will work in collaboration with our current development teamto help enhance and maintain the current applications and participate to create our next generation of products. As part of the team, you will work to help ensure our products provide a great user experience and significant value to the customer.

This job is a great opportunity for freshers and entry level candidates to grow and learn in an energetic work environment!

**We are**: a small fast-growing company engaged in the business of developing software packages mainly to the Oil & Gas industry. Our advanced technology is well recognized in the industry and highly regarded. The multiple and diverse tasks and assignments we give our team members lead to a challenging and rich experience.

# Location

We are located in the Energy Corridor, Houston, Texas. **This position is open to anyone living in the state of Texas.** We currently operate in a **remote-first** environment. However, for training purposes, you will be required to come on-site for a given amount of time.

# Key Responsibilities

* Maintain existing code through debugging and backlog grooming
* Improve Graphical User Interface by adding functionality
* Improve database management
* Participate in the implementation of new functionalities
* Execute and create testing protocols to ensure software quality is maintained
* Maintain and create testing models to monitor our advanced algorithms integrity
* Maintain and improve software packaging and deployment
* Maintain and improve software licensing

**What You Will Learn:**

* Advanced C++ skills
* Object-oriented Design and Analysis (OOD and OOA)
* Software modeling and simulation
* Software deployment in a multi-scale industrial context
* Evaluation and identification of new technologies for implementation
* Implementation of optimization algorithms
* High performance processing using multi-threading and GPU programming
* GPU high performance management
* Science-oriented algorithms and their development

# Your profile

* Bachelor’s degree in Computer Science or equivalent field
* Solid programming skills in C and C++
* Experience in GUI development
* Experience with code refactoring and maintenance
* Strong analysis and problem-solving skills
* Knowledge and experience with Windows programming
* A solid understanding of numerical mathematics: statistics, algebra, and calculus
* Demonstrated ability to operate independently and take appropriate initiative
* Effective problem-solving skills
* High energy and positive attitude
* Must be an excellent team-player
* Highly motivated to learn
* Flexible and versatile, able to handle multitasking
* Must be authorized to work in the U.S without requiring sponsoring

\*\*\*We are an equal opportunity employer and do not discriminate on the basis of race, national origin, gender, gender identity, sexual orientation, protected veteran status, disability, age, or other legally protected status. \*\*\*