Test Assignment

Clojure Developer

In the clojure world frameworks are not common to use, each engineer builds them consciously for himself and for the task from the libraries. You need to build your complete Clojure/ClojureScript stack with PostgreSQL and implement patient CRUD on it (dataset described below). The following features should be implemented on the UI: patient list browsing, searching, filtering, creating, deleting, editing, validating. Be sure to cover the application with tests (this is an important part of the assignment, we want to see what and how you will test). It is desirable to set up CI (build by commit) and prepare the application for deployment to K8s.

Dataset:
- Patient name
- Gender
- Date of birth
- Address
- Phone number

Additional restrictions (optional)
REPL-driven development in emacs or vim would be an additional plus (somehow http://www.parens-of-the-dead.com/)

All of the above are underline initial constraints, all other decisions/choice at each step of creating an application you will have to make yourself!

Demo
At the end of the project, you need to present a demo of a working application, how you developed it in repl, code, tests, and explain the key decisions made in the creation of the application.

Opportunity to get a consultation!
Throughout the entire project, you will have the opportunity to consult with our engineers in telegram-chat.

P.S. We offer you to implement the test task without using frameworks (Luminus is a framework :)