

Internship Planning

1/ Evaluation exercise

The purpose of this exercise is to show me your current skills.

You can use whatever technologies you're comfortable with (html, css, javascript, i assume).

The goal is to develop a website that is similar to <https://www.codeur.com>

You have 10 days to do as much as you can, it's not a big deal if you don't finish, since I only need to know what you're able to do in a specific window of time.

This website allow companies to ask quotations from freelancers for their projects.

You can choose the design you want, but I suggest you to get inspired on real websites designs (codeur.com for example).

Keep it simple, but efficient. Don't spend too much time on the design, I just want something functional and mobile responsive.

The main features you need to develop :

- Register + Login : Only using email and password, nothing more
- Create an ad (Title + description + budget)
- List ads : the freelancer can see titles + budgets of ads
- Display one ad : the freelancer can see title + description + budget

You do not need to develop the freelancer application module, the above features are enough.

You can implement the features the way you want (pages, popups, forms...)

So you start whenever you want, you notify me that you started the project, then 10 days later you send me your source code.

Please keep me updated frequently on how the project is going.

If you have any questions, you message me on messenger ASAP.

2/ Learning

2.1/ Front-End : React.js

We'll first focus on your front-end skills, which are the most important nowadays.

Introduction to React

React is a framework. A framework is a set of libraries that you use to code. You should be used to coding one file per web page.

With React, it's different, you'll make one file per component. A component is simply a graphic element of your page (examples: button, icon, paragraph, etc.)

Each component is composed as follows:

- Contains HTML (how the component is displayed). Important: A component can contain another component in its HTML
- Contains javascript: to be able to create possible interactions with the component (for example, when you click on the button you execute a function)

The whole site is a component. It is the first component, the parent of all other components.

The interest of React.js, it is especially that to make the interactions (clicks, hovers, etc.) of the components is very simple.

And also, when you change the page on the site, it doesn't reload the page on the browser, it just changes the html of the page already loaded, so it's very very fast.

Example of a site: <https://mymoonlight.vercel.app> (see how fast it is to change the page)

Before you learn React, I will first show you by screen sharing how I code with React.js and you will understand what it is possible to do.

React.js Guides

I'm going to give you some lessons from time to time, but it's important that you read some guides on the internet too.

Here are some nice guides:

<https://ibaslogic.com/react-tutorial-for-beginners/#what-is-react>

<https://www.freecodecamp.org/news/the-beginners-guide-to-react-9be65f50a55c>

<https://medium.com/zenofai/beginners-guide-to-reactjs-3ca07f56d526>

French guide if you prefer:

<https://openclassrooms.com/fr/courses/7008001-debutez-avec-react>

2.2/ Back-End : PHP

I might teach you PHP, but I still have to think about it. It's a back-end language used to interact with databases (among other things).

3/ Work on a real client project

If I assume you're skilled enough to work with me, I can offer you to work on real (paid) missions.

When you're experienced enough, you can earn more than 3000€ a month, from wherever you want.