Task: Full Stack Engineer

Hey there 😊 We're looking for a Full Stack Engineer to join our web team. You will work with us on continuously improving our web platform. You'll bring your creativity and new ideas, and apply your knowledge in developing new features, fixing bugs, monitoring and maintaining the system. Together with your team, you'll keep an eye on the software quality, having in mind code standards, automated tests and the overall performance of the system. You'll also join us on our journey to transform our monolithic architecture into a microservice oriented one.

Instructions

The following points are the ones we will be considering when evaluating your task:

- Code quality and readability
- Performance
- Knowledge of the frameworks
- Approach taken to resolve the task

Requirements

Use Laravel and Vue.js (whichever version you prefer) to develop a **picture gallery web application** with the following functionality:

- Registered users see all the pictures available. JSONPlaceholder Image API can be used to fetch fake data for this purpose. More detailed information about how to use this API can be found here.
- Use a simple pagination for the navigation through the pictures.
- Registered users can favorite/unfavorite pictures.
- On Saturdays and Sundays, guest users see a list of the latest favorited photos picked by registered users.
- On the remaining days, guest users see a list of the users that have favorited the most so far during the week.

Notes on the task

- **Tip:** JSON Placeholder API endpoints accept the following query parameters: _start and _limit
- You may use any other front-end plugin/tool you feel useful to reach the desired result.
- You may also create tests, use design patterns and anything you believe will enrich your showcase.

Format

- Via email inform the recruiting team that you have completed the task and if possible add a link to your results
- **Only applications published in a Git repository will be taken in consideration.**
- You might publish it in a private repository (Bitbucket offers free private repositories) and give access to the following user: dev@studydrive.net
- If you feel the need for sharing environment variables, you might add the .env to your repository, just for this test purpose. **You won't be penalized by doing so.**

Before you start…

Take your time, grab yourself your favorite beverage, but most importantly, **relax** - you can use all the documentation and support material you want. Setup your project within the environment you prefer, install all the necessary dependencies, link your project to a Git repository and so on… **GOOD LUCK!**

Thank you!

We are looking forward to seeing your approach,
Studydrive Product & Tech Team 😊