

### 1. Programming Language:

Java

### 2. Time for development:

Up to 5h. Please remember that the goal of this task is not to verify how fast you can write code but how you think when writing code and what code you produce. If you lack time, it is all right. However, in such a situation please tell us what you would add or change in the solution. There is no need to prove to us how much time actually it took you to develop the solution. :)

### 3. Problem to implement:

We would like to ask you to create a backend app exposing a functionality via a RESTful API (together with business logic and data layer) which manages two entities: a user and job offers created by this user.

Details:

**User** - consists of the following fields: login, password, name, account creation date. We ask you for a typical CRUD (create-read-update-delete) for this entity.

**Job offer** - consists of the following fields: category (one of the following: IT, Food & Drinks, Office, Courier, Shop assistant), start date, end date, name of employer (name of User). We ask you for two methods providing the following functionalities:

- Saving - saves job offer entity
- Reading - get a list of current valid job offers, you can filter the list by employer's name or category

API design and any other implementation details are up to you. It is crucial for us that you give us a chance to get to know you as an engineer as thoroughly as possible. Especially, what decisions you make knowing the scope and time limit.