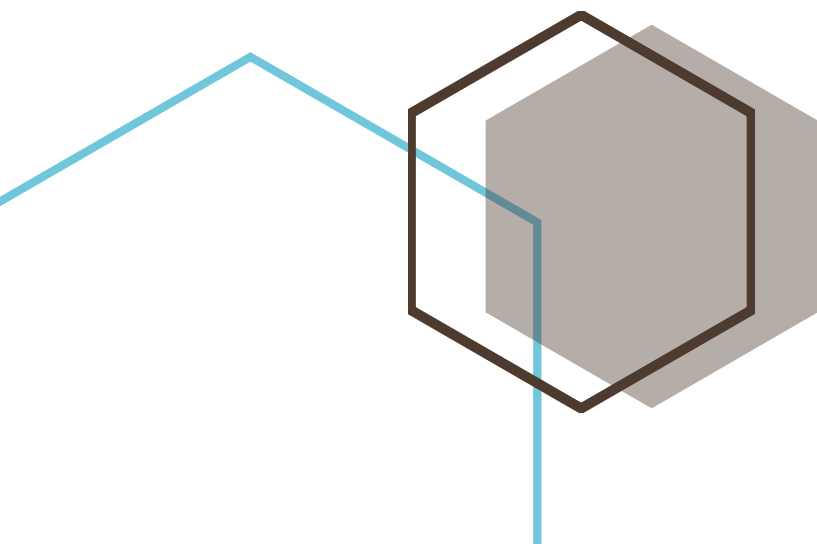


Backend Developer

Technical test for the Backend Developer profile

As part of the recruitment process, you are required to complete a small technical test to showcase how you tackle a basic programming task.





Task: User management system

We have designed a coding task that is intentionally vague and open-ended in its specification so that you have the opportunity to take it in almost any direction you wish.

Stories

- As an admin I can add users — a user has a name.
- As an admin I can update user details.
- As an admin I can delete users.
- As an admin I can assign users to a group they aren't already part of.
- As an admin I can remove users from a group.
- As an admin I can create groups.
- As an admin I can update group details.
- As an admin I can delete groups when they no longer have members.

Artifacts

Please implement the design using a Symfony 5. Focus equally on software design and code.

- Design a convenient API that other developers would love to use for the tasks above.
- Proper documentation that:
 - Explains the technical aspect of the project and the decisions you made
 - Show me a small domain model for the processes above (in UML or anything else).
 - Show me a database model.
 - Shows how to install and make the project run

Timing

- Our suggestion is to spend around 4 hours for the coding task.
- Maximum 1 week to complete.

Delivery

Deploy your project to github or another public repo and email us the link.