

miracl Challenge - Senior Backend Developer

Disclaimer: while this is a real task the miracl team is going to work on soon, we are not going to use any of your work in our product. That would be illegal. This challenge only serves as a way to demonstrate your skills during the hiring process.

A lot of the innovation at miracl is happening behind the scenes - invisible to customers. One such thing is the assisted management of sensitive documents sent in by customers. However, some customers accidentally upload documents without naming them properly so they can't be processed automatically. Therefore it is up to our financing specialists to look at each of these documents and assign the correct type manually, e.g. passport, salary sheet, etc.

Our new frontend developer did a great job building a UI that makes this process a breeze:

1. See a list of documents
2. Click a document in the list to download and review its content
3. Choose type of document from a dropdown

Now she needs an API to fetch and store the data at. Can you help her?

A few characteristics of the API:

1. For the sake of simplicity, store all data in-memory / on the filesystem
2. It's only possible to assign well-known types to a document - no custom types

Some things that will get our attention:

- Thinking outside the box
- Compatibility to our tech stack
- Clean Code
- Speed
- Smart tradeoff between all of the above

After you're done, please upload your code to a private repository on GitHub and share it with thomas.taschauer@miracl.at.