

Coding challenge

Currency converter



Task

Create a simple currency converter that converts currency rates from EUR to USD and from EUR to CHF (both ways). The application will be mainly composed of 2 views:

- a form including the value to convert from and to currencies. Submitting the form will show the result of the conversion but will also save the value from and to as well as the result in the database.
- a table with the history of all currency conversions

We already designed the user interface for you! Here's the link to it:

<https://projects.invisionapp.com/prototype/ckbulp2xn0015wb013ofmw4nw/play>

Requirements

- the communication between the front- and back-end should be through REST endpoints
- the code should be readable and understandable
- inputs should be validated

Hints

- use the currency layer API (<https://currencylayer.com/documentation>) to get a real-time exchange rates
- use "inspect mode" in Invision to implement the ui designs pixel-perfect and to get the assets

Bonus points

- writing tests for your code
- using a framework for the front-end (Angular, React, Vue)
- responsiveness

Any questions?

Don't hesitate to ask! Simply send us an email to jobs@pickar.ai

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