

# miracl Challenge - Senior Frontend 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.

The miracl team did it! We managed to release our new “Survey” ([survey.miracl.at](https://survey.miracl.at)) component just in time for the big press release. Due to a few hiccups along the process we had to make wise tradeoffs - choosing which parts of the mockups are mission critical and which ones can be postponed until after the release. The above screen, the “Calculating mortgage screen”, is one part of the mockups that was left out. Our new frontend developer is given the task to implement it from scratch in React until our next big press release on Monday.

A few characteristics of this screen:

1. Each line (e.g. “Aktuelle Bankkonditionen abfragen”) represents a call to the API
  - a. Use this URL to simulate the delay introduced by API calls: <https://httpbin.org/delay/2>
  - b. Show a spinning icon while the request is being executed
  - c. Show a checkmark after the request has completed
2. Ignore the question mark icon in the upper right corner - another part of the mockups that has to wait until the next release

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](mailto:thomas.taschauer@miracl.at).

miracl



Here is where the magic happens - wir berechnen gerade dein erstes Angebot

- ✓ Aktuelle Bankkonditionen abfragen
- ✓ 250+ Tarife vergleichen
- ↻ Top3 Angebote sondieren
- ✓ Beispielrechnung kalkulieren