



# SyncVR Developer Assessment

## Welcome

Hello prospective SyncVR-ranger! Thanks for applying for a position as a developer at SyncVR! At SyncVR we work hard and with passion on a daily basis to improve the quality of life of healthcare using Virtual Reality. Because we think Virtual Reality is an awesome technology, and because we believe it has the most impact when used to take people out of their hospital setting where they are a patient, and transport them to tropic islands or outer space. We are a small team of extremely motivated, independent and self-starting people, and we're looking for others like us. That's why we're very picky and careful when hiring new people. Here's how we will go about it:

1. As a first check, you do this assessment and send us the result.
2. We have a conversation with you about the assessment, your tech skills, but also about you: what makes you tick? Why do you want to join SyncVR?
3. You join one of our demo-evenings and meet the team. We get to know you, and you get to know us!
4. We work together for some days on a real topic that's relevant to SyncVR, so you get to deep dive into our company.

By the end, we'll know if you fit in! So do you? Let's find out!

## Assignment

Build a Json REST API endpoint that allows a user to obtain the n-th number in the well known Fibonacci sequence ([https://en.wikipedia.org/wiki/Fibonacci\\_number](https://en.wikipedia.org/wiki/Fibonacci_number)). Additionally, provide a frontend of your choice, that allows users to see previously made requests. Some requirements:

- We use Firebase at SyncVR, and specifically Firebase Cloud Functions to build API's, since it does a lot of the heavy lifting. Feel free to use it, or some similar service!
- We should be able to easily test your assessment, so it should be accessible publicly for us to use.
- Publish your source code on github / bitbucket / gitlab, and please provide a README explaining what design choices you made and why.

A lot about this assignment is intentionally left vague: we like people who come up with their own ideas and give their project their own touch, so use your creativity and go wild!

We think that you should be able to finish the above assignment in at most one day. Don't spend more time on it than that, even if you're not completely finished!

## Delivery

Once the assessment is done, publish it to github / bitbucket / gitlab, and send it over to [freek@syncvr.tech](mailto:freek@syncvr.tech). We'll take a good look at it and then contact you for a follow up!

**Good luck, have fun, and rock & roll!**