

## The Frontend Interview Quiz

The Frontend interview quiz will contain 2 parts. The first part can be seen as a small homework that acts as a preparation and should take you about 90-120 minutes. The second part will be a live coding challenge limited to 1 hour that will build on top of your preparation. Directly after the challenge we have another 15-30 minutes to talk about your solutions.

You will have to share your screen to present your prepared homework and also for the live coding challenge. You may use any OS and code editor you prefer.

You will get a list of 4 challenges to solve. Since the time box is very strict you will have to decide on which to solve first. The challenges are of different skill levels and marked as such so you can decide for yourself on which ones to choose.

After the challenge is finished we will have another 20-30 minutes to talk about technical stuff.

If you have any questions to solve this or to get a better understanding, please feel free to ask us.

## The Homework

- **Extra Kudos: Strictness**

Use strict typescript.

- **Step 1 - Setup the environment**

Prepare a basic Next.js environment on your local machine and integrate Material UI into it.

- **Step 2 - Create UI Elements**

The UI elements should show a simple sidebar on the left side with navigation items. The navigation items should allow to be toggled visibility if they contain child items.

When a navigation item is clicked make sure then on the right side its title is shown.

