

FrontEnd Challenge



Introduction

Goals:

- › The objective of this challenge is to test your frontend development skills.
- › Various problem-solving paths are possible to solve this challenge.
- › The main goal is to evaluate your ability to handle the challenge and, with the provided information, structure a project and implement a solution.

Additional Information:

- › You can use any JS frontend framework (Angular, React, Vue, etc.)
- › The result should be sent via e-mail to karriere@pixida.de in a zip file. You can use a transfer file website like WeTransfer, Sendspace, etc., if needed.
- › After the delivery and initial analysis, a technical job interview will take place where you will be asked about some of your technical decisions.



The Challenge

Background info

- ArtAPI is a museum that wants to launch an online catalogue of their collection. They have a backend team, who developed an API and a design team that delivered a Figma file.
- Responsiveness and component reusability are a must in every project.
- It's up to you to deliver the final working application.

Inputs from the team

- › For this challenge, use the following Figma file (see page **Pages**):
<https://www.figma.com/file/YtBzGOeANqfAYnaGoVHZ62/Front-End-Test?node-id=403%3A32>
- › For the collection API, you should use:
<https://data.rijksmuseum.nl/object-metadata/api/>
- › **For the API Key, you can use this:** 2esrTh6M
- › **Important:**
Create a README.md file with instructions on how to run your project.

Your task

Basic delivery:

- › Working responsive application. **Note:** the team didn't create a mobile and tablet version, but you should implement those. To make your job easier, you should create fluid components.
- › Pixel-perfect code representing the delivered layout.
- › README.md with instructions to run the project.

› Extras:

- › The designer didn't deliver animations, transitions, etc., but you know that's a part of a good UX. Feel free to propose, but it's not mandatory.
- › Deliver your code with tests.
- › Implement some other feature you think could add value to the project.

Final words

- › When finished, send a zip file with the result to karriere@pixida.de. Don't forget to add a README.md file with instructions on how to run your project.
- › The goal is to accomplish the task and deliver the outcome within 5 days. If you need more time, let us know.
- › After first analysis of the result a technical job interview will be scheduled where you will be asked to explain some technical decisions.

At the technical job interview day:

- › Sharing your screen will be helpful.
- › Have all your presentation material accessible before our meeting launches.
- › Be prepared to answer questions related to the technical decisions you made.



Good Luck!