


Frontend - Artwork App

 artwork-app.zip

Hello! Thank you for taking the time to share your skills with us. This assessment typically takes **about an hour** - but feel free to spend as little or as much time as you need to meet the requirements.

What we're looking for

- ☐ Do you know how **Next.js** works, including the **app directory** and **data fetching**?
- ☐ Can you build a **responsive design** using **Tailwind CSS** that works across all screen resolutions?
- ☐ Can you work effectively with a **JSON response** from an API?
- ☐ Can you add interactivity to the client using **React**?

 We don't need your best work! If you can meet the above criteria and explain what you *would* have done with more time, that's totally fine with us.

Goal

The goal is to create an app that presents a collection of artwork along with some information about each piece.


Requirements

Homepage

- ☐ The homepage should display all available artwork
- ☐ Each piece of artwork on the homepage should display a **title** and an **image**
- ☐ Each piece of artwork on the homepage should link to an individual artwork page

Artwork page


- ☐ Each piece of artwork should be available on a unique URL, e.g. `/artwok/[id]`
- ☐ The artwork page should display the **title** and **image** of the artwork
- ☐ The artwork page should contain a **description** that is hidden by default, but can be made visible by clicking something

 Feel free to get creative with the UI. We have intentionally left the requirements vague so that you can showcase your skills and ideas comfortably. Please don't feel any pressure - simply build something within your range of expertise. Refer to the **What we're looking for** section to ensure your work aligns with our expectations.

Development

Git

You should see a directory called "artwork-app". This is your project directory - please navigate to it and initialise it as a new git repo.

 Try to make regular atomic commits to the repo so that we can look through the history and understand your approach.

Dependencies

We've used `pnpm` for dependencies but feel free to use `npm`, `yarn` or whatever you like.


API

Below is a reference to the values you'll likely need in the app. If needed, full documentation for the API can be found [here](#).

All artwork

<https://api.artic.edu/api/v1/artworks>


```
1 {
2   ...
3   "data": [
4     {
5       "id": 129884,
6       "title": "Starry Night and the Astronauts",
7       "image_id": "e966799b-97ee-1cc6-bd2f-a94b4b8bb8f9",
8     },
9     ...
10  ]
11  "config": {
12    "iiif_url": "https://www.artic.edu/iiif/2",
13    ...
14  }
15 }
```

 The type `ArtAPIResponseArtworks` is included in the project for your convenience.

Individual artwork

<https://api.artic.edu/api/v1/artworks/129884>

```
1 {
2   data: {
3     "id": 129884,
4     "title": "Starry Night and the Astronauts",
5     "image_id": "e966799b-97ee-1cc6-bd2f-a94b4b8bb8f9",
6   },
7   "config": {
8     "iiif_url": "https://www.artic.edu/iiif/2",
9     ...
10  }
11  ...
12 }
```

 The type `ArtAPIResponseArtwork` is included in the project for your convenience.


Images

Here is an example of an image URL - <https://www.artic.edu/iiif/2/e966799b-97ee-1cc6-bd2f-a94b4b8bb8f9/full/843/0/default.jpg>

The URL consists of the following:

```
{iiif_url}/{image_id}/full/843,/0/default.jpg
```

The values for `iiif_url` and `image_id` can be seen in the API responses above.

 Sometimes images can return 404s - if you struggle to get images to display, try a different page from the artwork endpoint, e.g. <https://api.artic.edu/api/v1/artworks?page=3>

Completing the test

- Create a GitHub account or use an existing one
- Create a private repo
- Push your code
- Go to settings → collaborators → add people
- Add the following github username
 - [kristofajosh](#)

Tips for time management

- i. Spend a little bit of time upfront exploring the project and the API. Think about a rough plan for your approach and implementation.
- ii. Prioritise any points outlined in the “Requirements” section and cross-reference them with the criteria specified in “What we’re looking for” to ensure your work aligns with those expectations.
- iii. You are welcome to utilise any additional time for further enhancements, such as leveraging more features from the API, incorporating extra UI/UX features or making use of framework functionality. This is completely optional and entirely up to you!