

Transavia front-end developer assignment

Thank you for your interest in being a front-end developer at Transavia! Our hiring process consists of 2 parts. A non-technical part and a technical part. Below we focus on the technical part only.

Create and present a Next.js application

We will discuss this at the day of your interview.

Don't spend more than 4 hours on this, unless you're having fun and like to show off and/or want to make it look nice!

Create a **Next.js** application that contains a form with three input fields:

- Origin
- Destination
- Departure date

When the user submits the form, display the available matching flights on the same page. Use the json responses we provide (more information below).

Requirements:

- It should be a Next.js app
- It should be using TypeScript
- It should have unit tests (covering rendering and logic)

Some things to note:

- We like performant and clean code;
- Feel free to use an existing styling library;
- A bit of Transavia styling is nice, but not required.

Responses provided by us:

1. airports.json
2. flights-from-AMS.json

flights-from-AMS.json is a response with a limited scope:

- from origin/departure airport AMS only;
- with available flights in the time range of: 10-11-2022 – 30-11-2022
- the total price to show is identified by *totalPriceAllPassengers*

airports.json is a list of all existing airports. You could use this as an easier way to find airport codes that might be in the flights-from-AMS response. Also, it can be used to display the results in a friendly way (showing airport names instead of airport codes)