



Technical test
Digital Platform

1. Introduction

You are asked to create an application to load candidates from a frontend and to be processed by a backend.

2. Requirements

- Use angular 16+ with angular material.
- Use reactive forms to collect the required information.
- Use NestJs.

3. Front.

1. Name (string) – required
2. Surname (string) - required
3. An excel containing the following columns (only 1 line per excel): - required
 1. Seniority (junior | senior)
 2. Years of experience (number)
 3. Availability (boolean)

4. BACKEND:

- This form must be sent to a backend made in NestJs, which must process the excel and respond with the data combined in a JSON.



```
{
  name: 'John',
  surname: 'Doe',
  seniority: 'junior',
  years: 6,
  availability: true
}
```

- The JSON must be stored incrementally on the front end.
- With the data a table should be drawn showing all the loaded candidates showing 5 columns:
 - name
 - surname

- seniority
- years
- availability

5. Notes:

- The information in the table, it is up to the candidate to choose the way in which he/she wants to store/persist it.
- Functional and reactive programming will be positively valued.
- The use of resources from the frameworks themselves with the intention of reducing the amount of custom code will be positively valued.
- The use of standalone components will be positively valued.
- The inclusion of tests (preferably Jest) will be positively valued.

The code must be uploaded to a github repository (public) and provide us with the URL so we can review it.