Tech Lead UI Developer Test!

This test is intended to evaluate candidates applying to the technical lead UI position.

The Solution of the test must reflect, among others, the following skills:

- Code Quality
- Object Oriented programming skills
- JavaScript/Angular 2+/React skills
- AJAX skills
- HTML + CSS3 plus skills
- UX Design skills
- Architectural design skills
- Service Oriented Architecture (Web Services/REST)
- Networking skills

Test Description:

Write a web application, preferable a SPA application, that will allow you to search for movies names and actor's name. You should be able to see the list of movies or actors.
Also, apply list-details view for each of the items, movies and actors.

Below are some technical requirements for this project.

- Use http://www.themoviedb.org/ APIs

- Deploy working code to a Cloud service such as Heroku (https://heroku.com/) or Pagodabox (https://pagodabox.com/) or AWS (free tier is enough). If you have your own webserver that is fine too. We just want the working code live

- Write all code as if it were going to be deployed into production.

- Please provide us with the finished code on a public repo like GitHub or Bit Bucket

- Use of Angular 2+ or React Js

The following are not a requirement, but will be valuated as a plus:

- The application is a SPA
- Use of CSS pre-processors and pre-fixer
- Use of design language (Angular Material or Bootstrap)
- Unit Test (not a big coverage, but a couple of test to show ability with unit testing)
- Good Security practices, like sanitizing and validating inputs.
- The application is fully responsive on mobile devices
- The application is a PWA (Progressive Web App)

- Good user experience (UX) on the application

- You have 4 days to complete this task