

Runpath Backend Engineer Recruitment Test

Intro

Thank you for taking the time to do our technical test. It consists in one development task that takes an average of about 30 minutes.

Requirements

- The task should be completed with an appropriate level of unit testing.
- Your code should trend towards being SOLID.
- Your code should compile and run in one step.
- Your application should be written in C#, using .NET Core as platform
- Feel free to use whatever frameworks / libraries / packages you like.

To avoid bounced emails we would like you to submit your results by uploading the relevant ZIP file to a Dropbox/One Drive/Google Drive/whatever folder and share the link with either your agent or the Runpath member of staff who assigned you the test.

Please avoid including artefacts from your local build (such as NuGet packages or the bin folder(s)) in your final ZIP file.

Task

Create an MVC application that displays in a view some JSON data returned from public APIs:

<http://jsonplaceholder.typicode.com/photos>

<http://jsonplaceholder.typicode.com/albums>

The data need to be merged and showed in the view using JQuery DataTables, with paging, sorting and searching capabilities enabled in the client side.

We want to list all the photos showing for each one the following fields: Photo title, Album name, Thumbnail image (linked to large one)

Basic styling should be achieved with the use of Bootstrap.

Thanks for your time, we look forward to hearing from you!

The Runpath Dev Team