

Application Developer – Candidate Assignment

SCENARIO

Build a simple two-page catalogue for Video Games. The first page is for browsing, the second page is for editing an entry.

Emphasis should be on code clarity and demonstration on use of language/framework. Focus should not be on UI (we have a designer).

Back End

- ASP.NET Core
- EF Core (SQL Server, Express is free/fine). Use Code First, not DB First and not Model First
- SSL and Auth is not required
- For bonus points the demo project should include Unit Testing.

Front End (Pick one of the two frameworks)

Option 1:

- Bootstrap / ng-bootstrap <https://ng-bootstrap.github.io>
- Angular (latest)
- Angular Router

Option 2:

- Bootstrap / ng-bootstrap <https://ng-bootstrap.github.io>
- React (latest)
- React Router (react-router)

We recommend Visual Studio for backend, and VS Code for frontend, but this isn't a requirement. Be prepared to discuss what your strategy would be to change the front-end framework to the alternate option (that you didn't choose).

Please submit the assignment to GitHub or BitBucket and provide us the link.