

Job Interview Assignment

Front-End

Develop a website containing your CV, using Angular as your framework.

Website's pages:

- Homepage / About me
- Formal education / Professional courses
- Practical experience / Personal projects / GitHub links
- Contact me (backend functionality required)

Guidelines:

- It is required to use routing and components while organized properly.
- Design framework of your own choice: SCSS / Material Design / Bootstrap
- Readable code, consistent variable and component naming

Requirements:

- Required components
 - Header
 - Navigation
 - Body
 - Form (in contact page)
 - Footer
- "Contact me" form validations:
 - Valid email (required)
 - Alphabetical first name (required, no digits)
 - Alphabetical last name (required, no digits)
 - Numeric phone number (required)
- "Contact me" service
 - Create a service that holds an observable which is subscribed by the "Contact me" page. When the form is submitted the server signals that the form was submitted successfully.

Back-End

Create a server in .Net Core that accepts the "Contact me" form submission, inserts it to the database and returns if the form has been submitted successfully or whether an error occurred.

Requirements:

- Model validations - same as in the UI
- Using SQL Server as a database
- Using code first approach with an ORM (Entity Framework / NHibernate)

Guidelines:

- Use design patterns and layered architecture
- Establish good naming convention and modular code

Delivery:

- Upload the source code to your GitHub page and send me the link to: Igal.Khalfin@osacommerce.com (or reply to the ongoing email chain)
- There you go, now you have your own online business card 😊