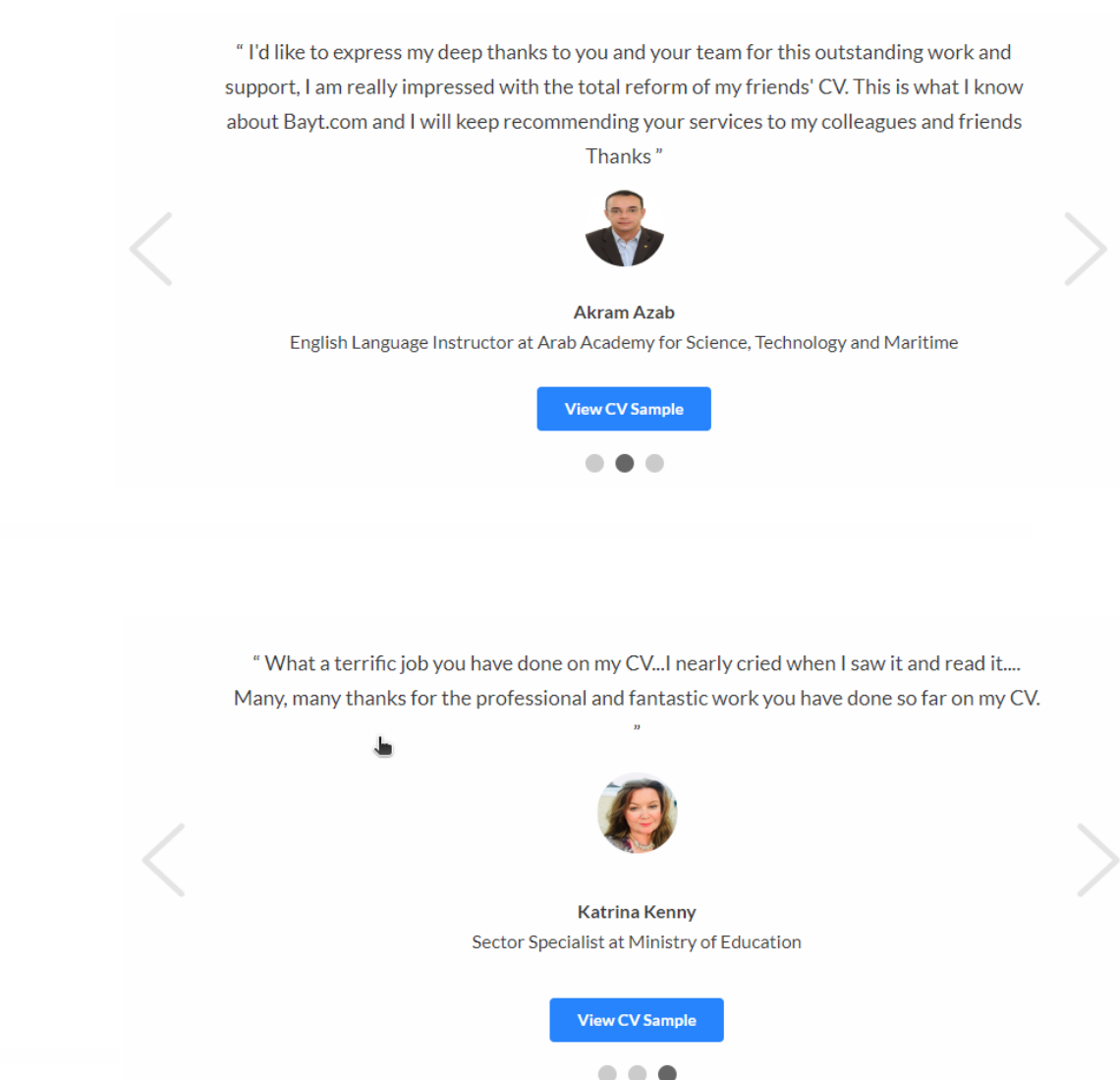


Story:

We need to build a native javascript ES6 responsive content slider, The content slider should be able to display any user defined content, As long the user defined content is responsive, the component we are building should work, in other words, the responsiveness of the user defined content is out of the scope of the component we are building, it's a prerequisite to use it.

Visual Appearance:

1. Desktop:



2. Mobile:

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Thanks ”



Akram Azab

English Language Instructor at Arab Academy for
Science, Technology and Maritime

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“ What a terrific job you have done on my CV...I
nearly cried when I saw it and read it....
Many, many thanks for the professional and
fantastic work you have done so far on my CV.

”



Katrina Kenny

Sector Specialist at Ministry of Education

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Functionality requirements:

1. Navigation Arrows (Desktop View Only). When the last slide is reached, it should automatically repeat from the start (continues loop).
2. Navigation Dots (Desktop and Mobile). In addition to being used for quick navigation, they should provide an indication of the active slide.
3. Configurable Auto Play Option to switch between slides based on a given time duration.
4. The slider needs to be self initialized, which means I can use it without having to write any custom javascript code.

5. Adding a smooth transition effect between slides, the smooth transition effect must take into account the direction of navigation, and to be moving to the same direction of navigation (Forward/Backward, Left to right/Right to left)

General Requirements:

1. Must be written in native javascript, **must utilize ES6 features** whenever possible.
2. Support for having multiple instances of the component in the same page with possibilities to assign different configurations per instance is a must, **show 2 sliders at least** with your example page
3. No external javascript or css dependencies to be used. (Other assets are ok, such as icons or images)
4. Browser support, browsers that support ES6 natively.

Assessment main evaluation aspects:

1. Code generalization, reusability, clarity and documentation.
2. Quality of the produced component in terms of functionality and UI.
3. How easy and applicable to use it more than once into the same page without any issues.
4. Completions of functional requirements

Delivery:

A demo HTML page that presents the developed component, with all JS, CSS and any other assets hosted in a relevant directory structure as an online or offline (zipped and attached).