Javascript coding exercise

Please read this whole document carefully before beginning. You should aim to complete the exercise in under two hours.

You can use any combination of frameworks, libraries and build tools you require, but the app must be written in vanilla javascript (ES5 or ES6 via a transpiler), no coffeescript, typescript etc.

You can submit your response by email as a zip file or a GitHub repo.

Your completed application should**:**
- have a simple HTML UI
- handle the user's input with JavaScript
- dynamically update the user interface
- a suite of unit tests

For this exercise, we're particularly looking for**:**
- a smart approach to the problem
- good quality code, with a clear and consistent coding style
- simple application structure
- a robust and reliable solution

We have deliberately asked you to complete this task in a short period of time, and therefore do not necessarily expect a complete solution. But keep in mind the above points.

Task

Songkick provides an API that allows for searching for artists by name using full-text search. For example, to perform a search for artists with the word "happy", use:

`http://api.songkick.com/api/3.0/search/artists.json?query=happy&apikey=jhevSy2yQF6HFzmb`

There is further documentation for this endpoint [here](). In this task you should use the API key given in the example above.

Write an app that uses this API to allow users to search for artists. It should show a list of the matching results. Selecting a search result should show the following details for the artist:

- name ("displayName")
- whether the artist is on tour now ("onTourUntil")
- a link to the artist's page on songkick.com ("uri")

You may choose to display extra information in the view, for example:

- [upcoming events]() for the artist
- data from another source
- any other information you think may be useful/interesting

Good luck, and have fun!