

# Heliolytics Frontend Developer

## Technical Challenge

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### Details

You will be building the Web front-end for a movie search engine. You can use the Web framework or libraries of your choice (eg, react.js/redux, angular.js, vue.js, jQuery...).

You can use the Movie DB API to fetch movie data. Here's an API key you can use:

a99cc60fc2b34dbb18cb806b8a88ed14

The user can type in some text and the search engine will display a list of matching movies including the poster image.

You can use this API endpoint for searching a movie:

<https://developers.themoviedb.org/3/search/search-movies>

In order to fetch the movie poster, you can link to this URL:

[https://image.tmdb.org/t/p/w200\\${<< insert movie poster path here >>}](https://image.tmdb.org/t/p/w200${<< insert movie poster path here >>})

You can access any resources you want (ie, google, stack overflow, past projects).

Keep the first iteration as simple as possible, and get to something that is fully working. Once you have something fully working, if you have time left, you can also add the following functionalities:

- Display the results in a responsive grid.
- Make the search instant, the results show and update as you type.
- Add some form of pagination or infinite scrolling.

### Challenge Submission Instructions:

Please zip the code without the 'node\_modules' folder alongside any setup and run instruction, and mail to [kirk.taylor@heliolytics.com](mailto:kirk.taylor@heliolytics.com).