

Search Engine App

Since we are searching for awesome developers!

Objective

The objective of this project is to understand how you solve a simple problem while keeping in mind to write maintainable code which is up to standards (you can follow google coding standards or any other that you might like or feel does a really good job!)

The Task

You need to build a web application that will show the user an interface where they can search for various things, once the user enters a query, use any search engine API of your liking (I'll attach a few examples that are available for free at the end of this document) and return the best possible results to the user, the more rich your results are the better (related news, images, videos, websites).

By default, this website will show users a text input field, along with that their current weather conditions and some latest news (based on their geo-location).

I'll leave the rest to your imagination!

Key Points

- Write maintainable code (comments, coding standards & quality, optimization)
- You can use any framework/technology to build this web application
- Preferred languages would be Javascript/Typescript, Python, or PHP but you can still choose to do it in any other language, that will have no impact on the final score or your selection.
- The front-end design of the app is totally open-ended and you can show the pages however you feel is the best UX.

Bonus Points If

- You can integrate application state management
- You can Dockerize the whole application
- You can push it into a git repository and share the public link

Helping Material

- <https://rapidapi.com/apigeek/api/google-search3/>
- <https://rapidapi.com/contextualwebsearch/api/web-search/>
- <https://rapidapi.com/weatherapi/api/weatherapi-com/>