

Vulcan Frontend Coding Challenge



Hello young adventurer! we would like to welcome you to the official Vulcan frontend coding challenge!

Here at Vulcan we don't really believe in asking boring computer science questions about $O(n)$ time complexity or the best way to use bubble sort... yuck.

Instead, your mission (should you accept it) will simulate a typical REAL feature you might be asked to implement in your everyday life here at Vulcan, we think this is a MUCH better way for us (and you!) to understand if you might be a good fit here. 😊

But enough chit chat... a major aspect of coding at Vulcan involves rapidly connecting to external APIs and displaying their data within our system, in this challenge you will use the CIRCL API and build a web app around it.

CIRCL is the Computer Incident Response Center Luxembourg - a government-driven initiative designed to gather, review, report and respond to computer security threats and incidents.

You can access their DB API via <https://cve.circl.lu/api/>

Build a web app consisting of the following screens:

1. Search screen
 - a. Allows searching for CVEs by CVE name and displays a list of results
 - b. Allows searching for CVEs by product name and displays a list of results
2. CVE details page showing all available details for a specific CVE

Important notes:

1. You must write your code in Angular 2+ (we use Angular 6), feel free to use any libraries you like as well
2. You might have noticed that we deliberately did not specify all the different technical aspects of the desired screens, that's because we expect you (and all our employees) to make design decisions on your own!
3. This exercise is not just about code, we expect to see a web app with smart UI and UX that both looks good and is easy and intuitive to use
4. This challenge should take between 1-2 days of work depending on your speed
5. Your code should be awesome. We like code that is: production ready, well designed, well documented, well tested, readable and efficient in both space and time.
6. If you finished the basic task quickly, free to implement as many extra features as you would like
7. Ask questions! We are here for you if something isn't quite clear

When you're done send over your source code and a link to a working version of your app to stavi@vulcan.io

You can use that email address for questions too!

Oh, and hey, Good luck!