livingsecurity

Take-home Interview Code Assessment

The purpose of this exercise is to test your knowledge using a simple yet “real-world” scenario that you might encounter day-to-day at living security. In this scenario you will be fetching data from a 3rd-party api and presenting it on a page.

This challenge is to not only test your ability to technically complete the challenge, but also your ability to present a user interface that is both intuitive, visually appealing and provides an ideal user experience.

There is no time limit. But we’re a startup, so build an MVP as quickly as you can.

Requirements

Using a framework of your choice (front-end and/or backend), create a page that fetches quotes from: https://api.kanye.rest At any given time, the page should always display 10 quotes.

A user should be able to:

- Refresh this list
- Like/Favorite quotes (Liking a quote should persist the liked quote elsewhere and a new quote should appear in the list)
- The primary list of quotes should be sortable by quote length, i.e. character length.

Things to keep in mind

- The user experience matters. If it takes takes 10 seconds to fetch 10 quotes and display them, try to come up with an optimal solution to create a better user experience. Since this is a 3rd-party API we can only optimize what is on our side.
- **Do not use** the “Quote List” json document that is on kanye.rest which includes all the quotes
- For this exercise favorite quotes only need to be persisted for the session, you don’t need to create an Auth system if you don’t want nor do you need to persist to a database, although you can.

- This should be runnable on a machine here with minimal effort. Provide instructions to run it with a README. It will be running on MacOS during review, so package it in docker or ensure it will run on MacOS or *nix.

When you are finished

Make sure your code is in a git repo (of your choice, gitlab, github, bitbucket, etc.) Send an email to matt.ward@livingsecurity.com with a link to your repo (ensure it is available to clone)