Briq Full Stack Engineer Coding Challenge

Thank you for your interest in working at Briq!

While leveraging technology to serve the construction industry and make efficient use of their data, we face a variety of technical challenges every day. As is often the case in software, solutions to such problems can come in all shapes and sizes.

As part of evaluating your technical aptitude as a full stack engineer, we would also like to analyze your ability to formulate and execute on a solution to a prompt that is open to some interpretation.

The Challenge

This challenge has been designed to touch on the fundamental skills a Briq full stack engineer should possess in order to perform in the role day-to-day. There is also plenty of room for exceptional candidates to exceed expectations.

1. Create a simple web application stack of your choosing (ex. Node.js/Express.js/Vue.js)
2. Create a user interface that requests and displays a random programming quote from the free API available at: https://programming-quotes-api.herokuapp.com/
3. Implement a UI element for rating the quote that will POST back to the API
4. If a user likes the quote (rating 4 or 5), find and display a similar quote from the list of all quotes (available from the get all quotes endpoint). Otherwise, display a new random quote

Please include enough documentation to get your stack running locally. When submitting your solution, push all relevant files to a github repository and provide the link.

Important: Please host your app in a cloud environment and also share the link to the hosted app.

Evaluation Criteria

Depending on your solutions, after completing the challenge you will have an opportunity to discuss your solution during a follow-up call with member(s) of our engineering team. Your solution will be evaluated on:

● Does the web app appear well structured and does it run locally?
● Is the code organized, clear, and performant?
● Are the primary requirements of the challenge met?
● How have you solved for finding a 'similar' quote and why have you chosen to do it this way?

Beyond the evaluation criteria, feel free to showcase any specific skills, interests, or technologies you are fond of and would like to display. For example:

● Create an exceptional UI with the assistance a UI framework like Vuetify or Bootstrap

- Leverage a natural language processing API or other tool to assist in the similarity determination
- In addition to similar quotes, find very different quotes when a quote is disliked