Knowark's Developer Test

Version 2.0

Thank you for taking the time to complete this test. It will let us know a little bit more about your programming knowledge and the way you approach coding challenges to come up with practical solutions. If you have any questions regarding the structure of the test, please don't hesitate to reach out to your point of contact at Knowark. Good luck!

Before you start

Make sure you have the following requirements set up in your machine to complete this test:

1. NodeJS 18 (Only if you do not have it installed yet)

   ```
   # If you are using Ubuntu Linux:

   ## Using NVM:

   curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.1/install.sh | bash

   ## Alternatively, you might install node with the package manager:

   curl -fsSL https://deb.nodesource.com/setup_18.x | sudo -E bash -
   sudo apt-get install -y nodejs

   # If you are on Windows download the installer at:

   https://nodejs.org/en/download/
   ```

2. A static HTTP server (http-server):

   ```
   npm install http-server -g

   # Documentation: https://www.npmjs.com/package/http-server
   ```

Getting started

The test is divided in 3 parts. The first one evaluates basic JavaScript and programming knowledge through a single choice form. Then, the next section will present to you a series of challenges for which you will have to create an implementation or design a test. Finally, the last section will require you to create a web page to look as similar as the provided accompanying picture.

Sections

The 3 sections of the test are located inside the sections directory:

1. sections/first_knowledge/
2. sections/second_challenge/
3. sections/third_design/

Please edit those files in place to fill in your answers.

Don't forget to read the `README.md` files inside each section directory. Those have the instructions to be followed for each task.

Submission

Once you have finished the test, please create a ZIP file of the *sections* directory, naming it with the following format:

    firstname_lastname_yyyymmdd.zip

For example:

    * First Name (firstname): Andrés Santiago
    * Last Name (lastname): Fernández Rojas
    * Date (yyyymmdd): 20220815

    andres_santiago_fernandez_rojas_20220815.zip

Finally, send the ZIP file via email to your point of contact at Knowark.

Thank you very much for your interest in working with us! We'll let you know about the next steps in the process as soon as we assess the results.

Best of luck,

Knowark's Team