

# Fullstack Software Engineer

We are looking for **senior fullstack** developers

As a **senior developer** you know that this is not only about code. We care about all the aspects involved in development

As a **fullstack developer** you have experience working with frontend and backend technologies

## What we expect from you?

We want you to implement the project described below

- This is a fullstack challenge, so is a web crawling app enough?
- Documentation included in the repo please! What? Why? How? How to install, how to run tests, how to run the challenge?
- We will value interesting software design / architecture

## Tech stack

We have our favourites. Anyway, you can choose your own stack :)

**Frontend:** React

**Backend:** Node

We are automation lovers, does Docker ring a bell?

## The challenge

You will develop an online web crawler to collect all the links under a given URL.

Users will be able to create crawling jobs through a web interface. Each job will crawl a website, given a root URL as input (i.e.

<https://elpais.com>). During the crawling process, the interface will be able to check the status of the job. When it is finished, it will allow users to inspect the stats of the job and the list of the URLs found.

We are only interested in storing URLs, so we don't have to store all the content. Also, you don't have to worry about dynamically generated content.

Don't hesitate to contact us if you have any questions regarding this challenge.

## Functional Description

- Create new crawling jobs.
- Perform the crawling process.
- Render the results in a web interface.

## UI requirements

- Responsive

## Delivery

- Documentation in english is mandatory
- Package the solution and send it to [seleccion@wetaca.com](mailto:seleccion@wetaca.com)

## Limitations

No limits, be creative!