

Fullstack Task

Introduction

Hello! We're excited that you're interested in joining Calo. Below are the requirements and explanations for the challenge.

Instructions

- Create a backend service with next endpoints: /jobs, /jobs/{id}
 - POST on /jobs should create a new **job** in the system and return its ID to a client
 - GET on /jobs should return a list of jobs, resolved should return **job** result, not resolved just a status
 - GET on /jobs/{jobId} should return resolved job or its status
- Create a client with one page and next functionality
 - Display list of **jobs**
 - Be able to create a new **job**
- Client should be able to fetch and display the results of a **job** as soon as its resolved
- In our case **job** is delayed execution of retrieving random Unsplash image from the food category, job execution is random might take from 5 sec to 5 min, with 5 sec step.

What to consider

- Highload, more than 1 pending **job**
- Unstable internet connection between client and backend
- **Job** results should be saved, and we should be able to retrieve them later

Requirements

- Any backend Node.JS framework is allowed.
- Any frontend framework is allowed.
- Any UI framework is allowed.
- Use file(s) as the primary data source, no need to spin any database, let's keep it as simple as possible.
- Link to GitHub repo with solution
- README with setup instructions and time report: how much time was spent on each section(you defining what those sections are)

Deadline

- There is no specific deadline, but we request that you submit your solution **within seven days**
- We're interested in your approach more than how quickly you're

Resources

Unsplash API documentation

- <https://source.unsplash.com/>