Technical Test

This document describes the Harness technical test. It shouldn't take more than 4 hours. The goal is to deliver a project, using Django and React for the back end and front end respectively, meeting the requirements.

# Description

At Harness we need to offer our users the ability to post and manage their jobs for their startups.

# Deliverables

Send an email with a zip file containing the following:

* A Django application
* A React application
* The .git folder with the whole story
* A README file that explains how the project works.

# Application Requirements:

# Backend - Django:

1. Create a REST endpoint to list job information
2. Create a REST endpoint to create a job
3. Create a REST endpoint to get job details
4. Create a REST endpoint to get the most used skills in the posted jobs.
5. To be able to see and edit the information from the Django Admin

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# Frontend - React:

1. Create an application with react (create-react-apps)
2. According to the design proposed in the attached file:
   1. Create a form to publish a new job position, include the title of the post, list of required skills and a description. This information must be saved in the database by calling the endpoint to create a new job.
   2. The skills are created by the frontend when saving the job posting.
   3. When posting a new job, the list below is automatically updated with the jobs in the database (make another API call).
   4. When you click on any row in the list, the details section is updated with the specific information of that publication.

# Resources

1. Design of the frontend application:[test- job manager design.pdf](https://drive.google.com/file/d/1jukbu7Om9PcIrOOMq6csETQgur-ae6vt/view?usp=sharing) (all elements must go on the same page and the style of the components is left to the programmer's free choice)

# Points to Evaluate:

1. Project structure
2. Design and implementation of the model
3. Implementation of REST endpoint
4. Exceptions handling
5. Coverage of tests
6. Use of JS libraries (react hook forms, formik, axios)