



Overview

Supply working local developer experience for the Ruby on Rails based on <https://github.com/SpinaCMS/Spina> application.

This will have you create a skeleton Ruby on Rails application and add the Spina CMS engine to it for other developers to use and extend.

This challenge will test the following skills:

- Docker Image Building
- Docker Compose
- Docker command line usage
- Ruby and Ruby On Rails basic familiarity

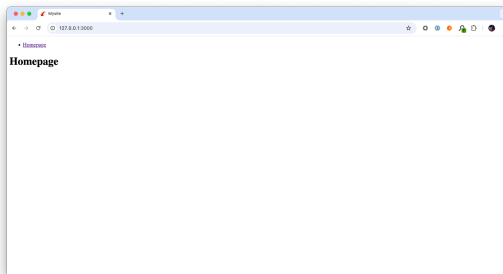
Rules

1. Complete the challenge on your own.
2. You may ask us clarifying questions. (Your recruiter will forward the questions, so expect delays in response.)
3. Referencing online resources is anticipated and you should credit them in your README or inline when you do.
4. Note any deviations from the deliverables that you made and for what reason.
5. Be prepared to talk about the challenge in later interview rounds. For example, we may discuss specific design choices, what the next steps to build a production ready representation of the app would need, and how you might deploy this in AWS.
6. Turning in something that we can discuss is better than turning in nothing.
7. There is an infinite amount of time one could take bolting on features and capabilities, but we are just looking for very basic Spina functionality and are more interested in what you've done with Docker to support the developer experience.
8. Do time-box yourself and your goal does not need to be "perfect" but "functional" and a good representation of your capabilities and ingenuity and how well your solution supports other developers with this project. For example how would a developer later do a 'bundle update'.
9. We think this should be doable in four hours. Consider detailing the challenges of where you got stuck in the case it exceeds the time you have available and turn in what progress you did make.

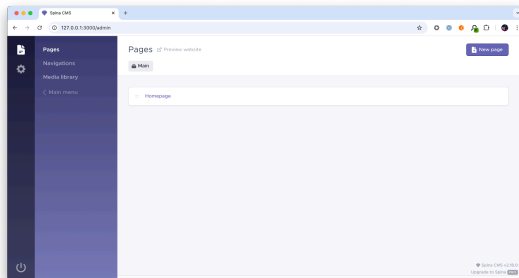


Deliverables

1. Provide a single archive of all challenge files preferably in a public Git repo.
2. The following versions are known to work together
 - a. Ruby 3.2.6
 - b. Ruby on Rails 6.1.4.4
 - c. Spina 2.6.2
3. Provide a README file in the root of your archive/repo
 - a. The commands to any downstream developer to setup and operate your submission.
 - b. Brief description of key challenges and goals of your submission.
 - c. It's okay to call attention to areas that you aren't certain about and might make different choices if you took more time
 - d. Note any known caveats and potential failure scenarios downstream developers may experience.
4. Provide a functional Dockerized developer experience for [Spina CMS](https://github.com/SpinaCMS/Spina)¹
 - a. You may use HTTP for this experience so you don't have to deal with setting up TLS in this local environment.
 - b. You may also use trust mode for Postgres in this local environment
 - c. When working this is the default Spina "127.0.0.1:3000" page



- d.
- e. When Spina is working this is the default admin page "127.0.0.1:3000/admin"



f.

¹ <https://github.com/SpinaCMS/Spina>



5. In both cases the reviewers should be able to start up and connect to and use features of Spina via their localhost with Docker.
 - a. Modifying the Home Page
 - b. Creating a new Page
 - c. Adding text and images to pages
 - d. Be able to stop and restart the containers retaining the same Spina state.