

Summer 2021 - Shopify

Developer Intern Challenge Question

You can save your work in a text file, link, etc. and have it ready with you for your technical interview (you can also add it on GitHub).

TASK: Build an image repository.

You can tackle this challenge using any technology you want. This is an open-ended task.

Please provide brief instructions on how to use your application.

Extra Information: You can, if you wish, use frameworks, libraries and external dependencies to help you get faster to the parts you are interested in building, if this helps you; or start from scratch.

Please focus on what interests you the most. If you need inspiration, here are examples of what you can work on. *IF you work on these ideas, we recommend choosing only one or two.*

Ideas:

- SEARCH function
 - from characteristics of the images
 - from text
 - from an image (search for similar images)
- ADD image(s) to the repository
 - one / bulk / enormous amount of images
 - private or public (permissions)
 - secure uploading and stored images
- DELETE image(s)
 - one / bulk / selected / all images
 - Prevent a user deleting images from another user (access control)
 - secure deletion of images
- SELL/BUY images
 - ability to manage inventory
 - set price
 - discounts
 - handle money