

# 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