

# EXERCISE CHEAT SHEET

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**WORKSHOP: CREATING A TECH WRITING PORTFOLIO WITH DOCS AS CODE TOOLING** by Svetoslav Pandeliev

## CHECK JEKYLL INSTALLATION

```
jeekyll -v
```

Should see a version number.

## Step 1: Fork theme repo

Fork [thedevsloot/WhatATheme](#)

## Step 2: Clone your fork locally

```
git clone <url of your fork>
```

## Step 3: Build your portfolio site locally

1. `cd <folder name>`
2. `bundle install`
3. `bundle exec jeekyll serve`

## STEP 4: Make changes

Update the following fields of `_config.yml` and leave all other fields unchanged

Field Name	Value	Info
<code>title</code>	<code>&lt;site title&gt;</code>	Title of your site
<code>description</code>	<code>&lt;desc&gt;</code>	Desc or subtitle
<code>email</code>	<code>&lt;your email&gt;</code>	Contact email
<code>twitter-username</code>	<code>&lt;your twitter user&gt;</code>	No url, just the user name
<code>linkedin-username</code>	<code>&lt;your linkedin user&gt;</code>	No url, just the user name
<code>github-username</code>	<code>&lt;your github user&gt;</code>	No url, just the user name
<code>author-name</code>	<code>&lt;your name&gt;</code>	Your name
<code>author-about</code>	<code>&lt;your desc&gt;</code>	Short desc about you

## Adjust navigation

1. Delete redundant sections, leave only **HOME, ABOUT, CONTACT, PROJECTS**.

2. Make changes to the `navbar.html` file in folder `_includes`.

## Adjust site content to reflect new navigation

1. Open `project.html` layout in the `_layouts` folder.
2. Copy the main section marked with a comment `<!--Main Section-->`.
3. Create a new file `project.html` in the `_includes` folder.
4. Paste the main section from the `_layouts/project.html` file in the `_includes/project.html` file.
5. Open the `default.html` file in the `_layouts` directory and add `{% include project.html %}` under `{% include contact.html %}`.

This will add the **Projects** section just after the **Contact** section in the scrolling home page.

6. Remove the **Tweet me on Twitter** button from the **Contact** section because it has an icon already underneath.

## Update **ABOUT**

1. Open the `about.html` file in the `_includes` folder.
2. Find the HTML code for the blog button and delete it.

## Adjust footer

1. Update/Remove quick links.
2. Update copyright statement to include site owner name.

## Step 5: Push changes to GitHub

- If using VS Code
- Via terminal, note commands below

`git status`, `git stage`, `git commit -m "commit msg"`, `git push`

## Step 6: Enable GitHub pages

1. Enable via the settings tab in the repo.
2. Check the result of the published website on the Internet.

## Step 7: Add GitHub Actions and tryout

1. Go back locally.
2. Create the needed setting for the [linter action](#). It'll check spelling and style of your content against a style guide:
  - go to `.github/workflows` in your project (create if doesn't exist) and create a new file `lint.yml`

- paste the code from section **Usage** in the new file: <https://github.com/marketplace/actions/vale-linter#usage> and save the file
  - create a new file `.vale.ini` (with the styleguide we'd like to use as a reference) in your project root directory.
  - get the code for the file from section **Repository structure** + add lines for the microsoft package from <https://vale.sh/hub/microsoft/>.
3. Create the needed setting for the **link validation action**:
- go to `.github/workflows` in your project (create if doesnt exist) and create a new file `links.yml`
  - paste the code from section **Alternative approach** in the newfile: [Alternative approach](#)
  - create a new file `lychee.toml` (with directories where links to be skipped from the spellcheck) in your project root folder. `exclude_path = ["./_includes", "./_layouts", "./_posts"]`
4. Push to GitHub again and verify the two actions are working properly.

## Bonus exercises

1. Fix formatting of the project pages - text alignment, etc.
2. Remove opacity setting of the hero image.
3. Custom 404 page, unify background image with the homepage.
4. Update photo styling in the **About**, remove dotted line frame.
5. Update credits to include credits for images, graphics, etc.
6. Move social icons to the **hero** section and remove the **contact** section altogether:

Move the social icons from the **Contact** section to the **hero** section, under the title and description of the site, replacing buttons that are there by default - need to copy the `html` code for the social icons from the `contact.html` file to the `showcase.html` file, add another row in the beginning for the envelope icon and mail, and adjust their class from `has-text-black` to `has-text-white` so they are visible on the black background. At the same time, need to remove all unnecessary `html` parts from the `showcase.html` file.