
Getting Started

We are delighted to welcome you to the Take Home Session by Crio.Do 😊. Before we begin our learning adventure, we recommend that you complete the following prerequisites to ensure a smooth learning experience during the sessions.

Step 1 : Development Environment:

During our sessions, you will work on your local system to simulate real-world take-home assignments. Make sure the following tools are installed.

1. **Visual Studio Code (VSCode) IDE:** <https://code.visualstudio.com/download>

After installing VSCode, open it and head over to the extensions tab on the left. Search and install the following extensions:

- a. ES7+ React/Redux/React-Native snippets:
<https://marketplace.visualstudio.com/items?itemName=dsznajder.es7-react-js-snippets>
- b. ESLint:
<https://marketplace.visualstudio.com/items?itemName=dbaeumer.vscode-eslint>
- c. Prettier:
<https://marketplace.visualstudio.com/items?itemName=esbenp.prettier-vscode>
- d. Color Highlight: <https://github.com/naumovs/vscode-ext-color-highlight>

Configure the following settings in VSCode:

- a. Go to File > Preferences > Type “autosave” in search box > Choose “onFocusChange” > Close the settings tab

2. **NodeJS LTS version:** <https://nodejs.org/en/download/>

After installing, restart your system and open terminal/command prompt and type “node -v”. This should return the version number. If it says command not found, it means that your setup is incorrect and you might have to try again.

3. **GIT:** <https://git-scm.com/downloads>

Step 2 : Base Repository:

To provide some dummy content and readme, you have to fork (create a copy) of our git repository.

1. Go to this GitHub [repository](#).
2. Click Fork and proceed with the steps.
3. Now the repository would have been created under your account.
4. Clone this repository in your system. (Check online on how to clone repo)
5. Open this repository in VSCode.
6. Create a sample.txt file inside the repo (This is to check if our git installation is working correctly)
7. **CRA** (create-react-app): <https://create-react-app.dev/docs/getting-started>

Open terminal in VS code and change the working directory to your project folder(which will be empty initially) and then execute the following commands:

```
npx create-react-app qtify
cd qtify
npm start
```

8. Go to package.json file, in it go to the “scripts” part, and in it to the value of “build” add CI=”. So, build should look like this:

```
"build": "CI='' react-scripts build",
```

9. Open the terminal inside vscode, and type “git add .” and press enter.
10. Type “git commit -m ‘Test commit’” and press enter.
11. Type “git push”
12. It should ask you for your credentials like username and password. For the username, enter your github ID/github email ID and for password, follow these steps.
13. Head over to <https://github.com/settings/tokens> and Generate new token (classic). Give the name as “crio-take-home”, choose expiration as “No expiration” and click the entire “repo” checkmark and create a token.
14. You will now see a token on the screen. Copy and paste this in a safe place like notepad. Go back to vscode and paste this token in the password field.
15. Check if the file got pushed to your repository. You can visit the repo on your profile in the browser and check.
16. Congratulations! Your git setup is complete

Step 3 : Netlify Continuous Deployment (from GitHub):

Please follow the steps listed [here](#).

Please make sure at **Step 5 in the above link**, you fill in the following details:

From zero to hero, three easy steps to get your site on Netlify.

1. Connect to Git provider

2. Pick a repository

3. Site settings, and deploy!

Site settings for Mohak-Trivedi/L-square-QTify

Get more control over how Netlify builds and deploys your site with these settings.

Owner

mohak-t's team

Branch to deploy

main

Basic build settings

If you're using a static site generator or build tool, we'll need these settings to build your site.

[Learn more in the docs](#)

Base directory

qtify

Build command

npm run build

Publish directory

qtify/build

Show advanced

Deploy site

meet.google.com is sharing your screen. Stop sharing Hide

Once the above steps are done, please fill this [form](#) to share your GitHub repo.

See you at the workshop! 🚀