

Step 1 - Install and configure VS Code

Install VS Code

We will use Microsoft Visual Studio Code (aka VS Code) as our integrated development environment (IDE). VS Code is a powerful, free code editor that runs in the macOS, Windows, and Linux operating systems. To install VS Code, please follow the directions for your machine:

- [Directions to install VS Code on macOS](#)
- [Directions to install VS Code on Windows](#)
- [Directions to install VS Code on Linux](#)

Install the required VS Code extension

Please install the following extension by navigating to its respective page in the VS Code Marketplace, and clicking the green "Install" button located near the top of the page.

[Dev Containers extension from Microsoft](#)

[Trouble installing an extension? Click here!](#)

Step 2 - Install Docker Desktop

We will use [Docker Desktop](#) to run the containerized development environment. To install Docker Desktop, please follow the directions for your machine:

- [Directions to install Docker Desktop on macOS](#)
- [Directions to install Docker Desktop on Windows](#)
- [Directions to install Docker Desktop on Linux](#)

Step 3 - Login to Docker Hub via Docker Desktop

To pull the image for your development environment, you will need to:

First, register for a Docker Hub account at hub.docker.com/signup, and Open the Docker Desktop application, authenticate using the Sign in option in the top-right corner of the Docker Dashboard.

Step 4 - Connecting to, and working inside of, the development environment

First, download the starter files for the project. Then open the starter files folder in VS Code. Click the remote icon in the bottom-left corner of the VS Code screen and select “reopen in container”. Alternatively, a pop up window may appear which lets you reopen in the container directly.