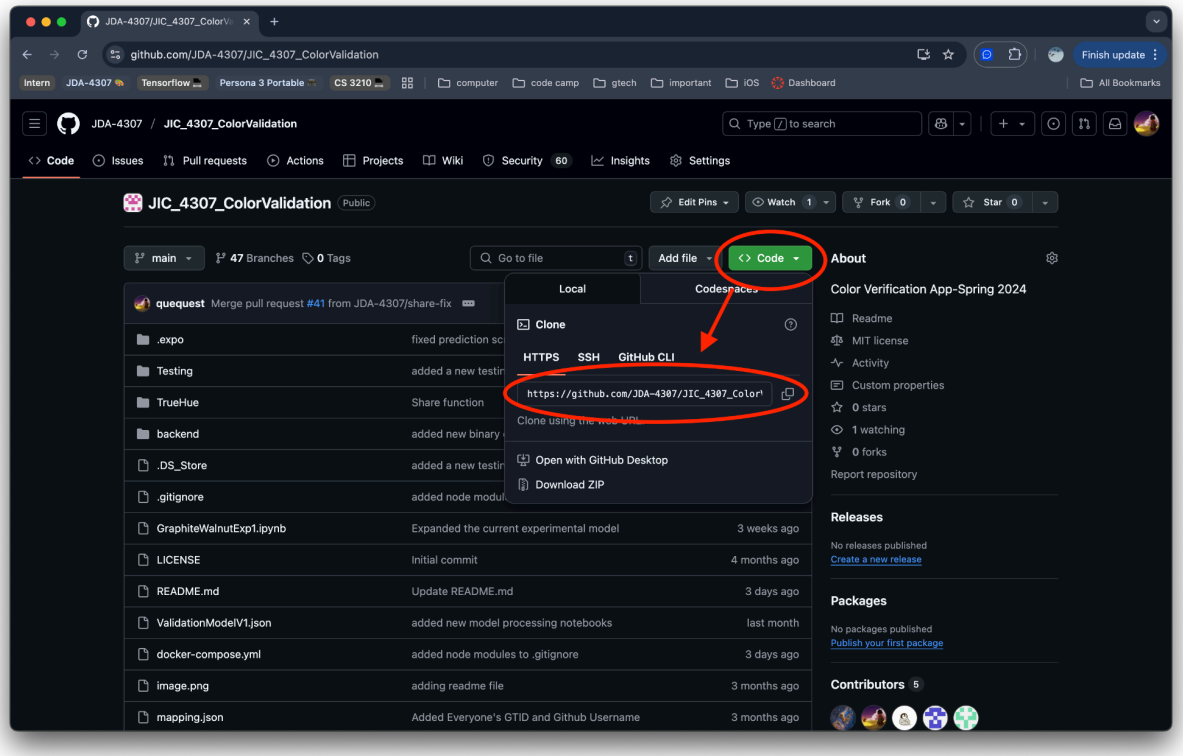


Development Environment Setup Guide

Install VSCode

1. Download VSCode from: https://code.visualstudio.com/download
2. Follow the installation instructions for your operating system

Install Docker

1. Download Docker from: https://www.docker.com/get-started/
2. Alternatively, install via Terminal:
   Copy
   ```
   brew install --cask docker
   ```

3. Verify installation:
   Copy

```
docker --version
```

Install Homebrew

1. Open Terminal and run:
   Copy
   ```
   /bin/bash -c "$(curl -fsSL
   https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
   ```

2. Alternatively:

   sudo xcode-select -s /Library/Developer/CommandLineTools

   /bin/bash -c "$(curl -fsSL
   https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"

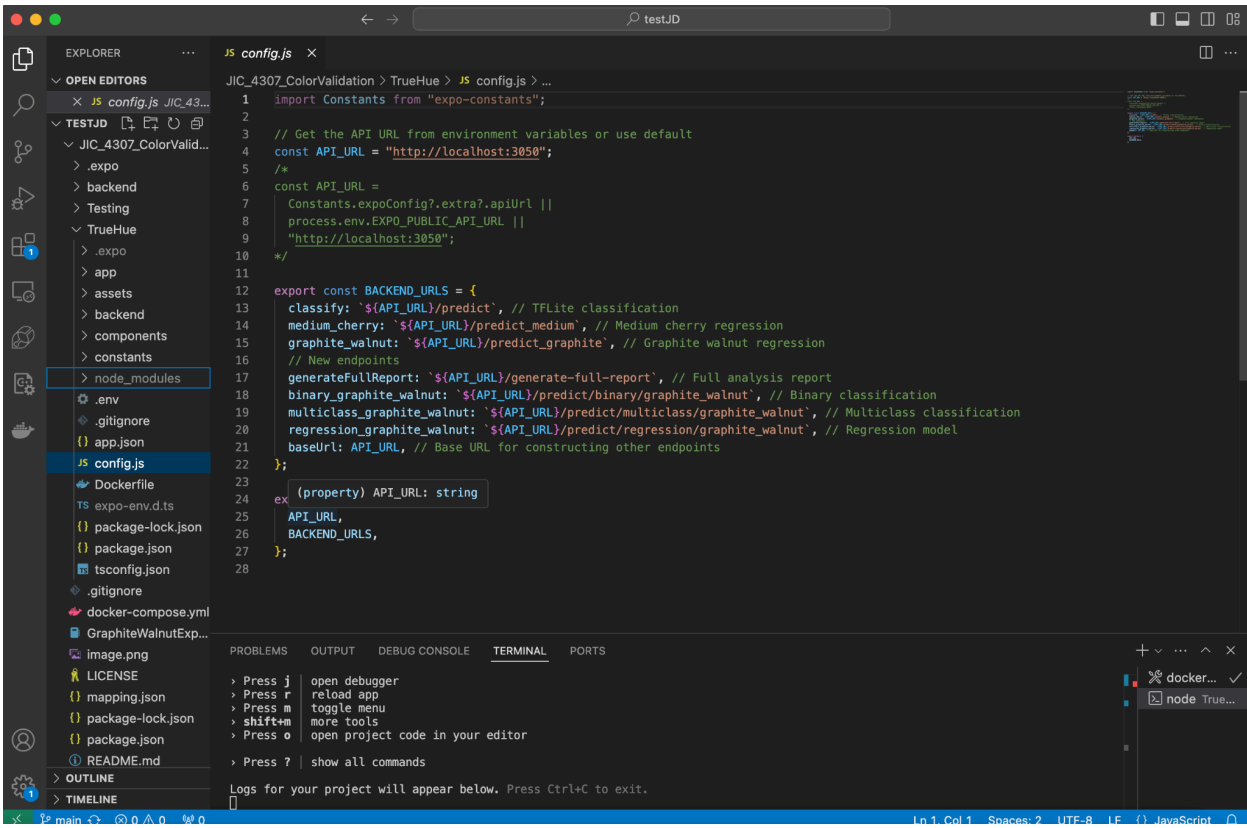
3. Follow any additional instructions displayed after installation
   a. If xcode doesn't exist: xcode-select --install

Install Git

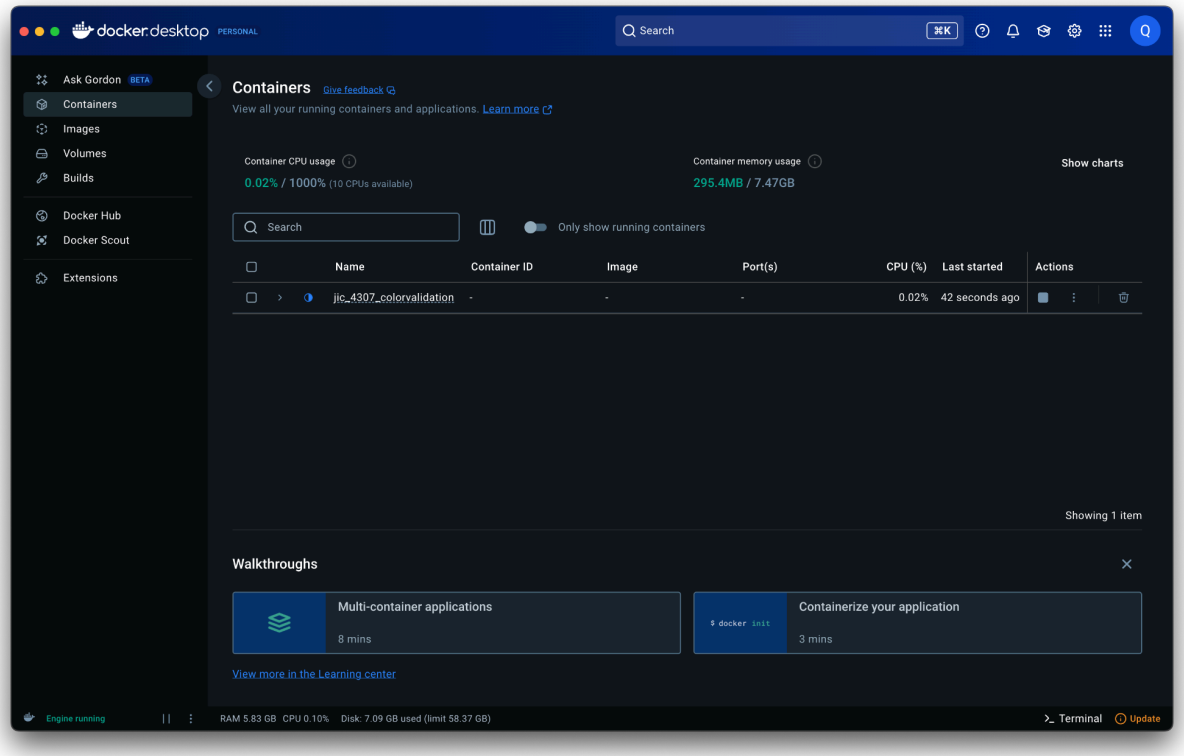
1. Using Homebrew, install Git:
   Copy
   ```
   brew install git
   ```

2. Verify installation:
   Copy
   ```
   git --version
   ```

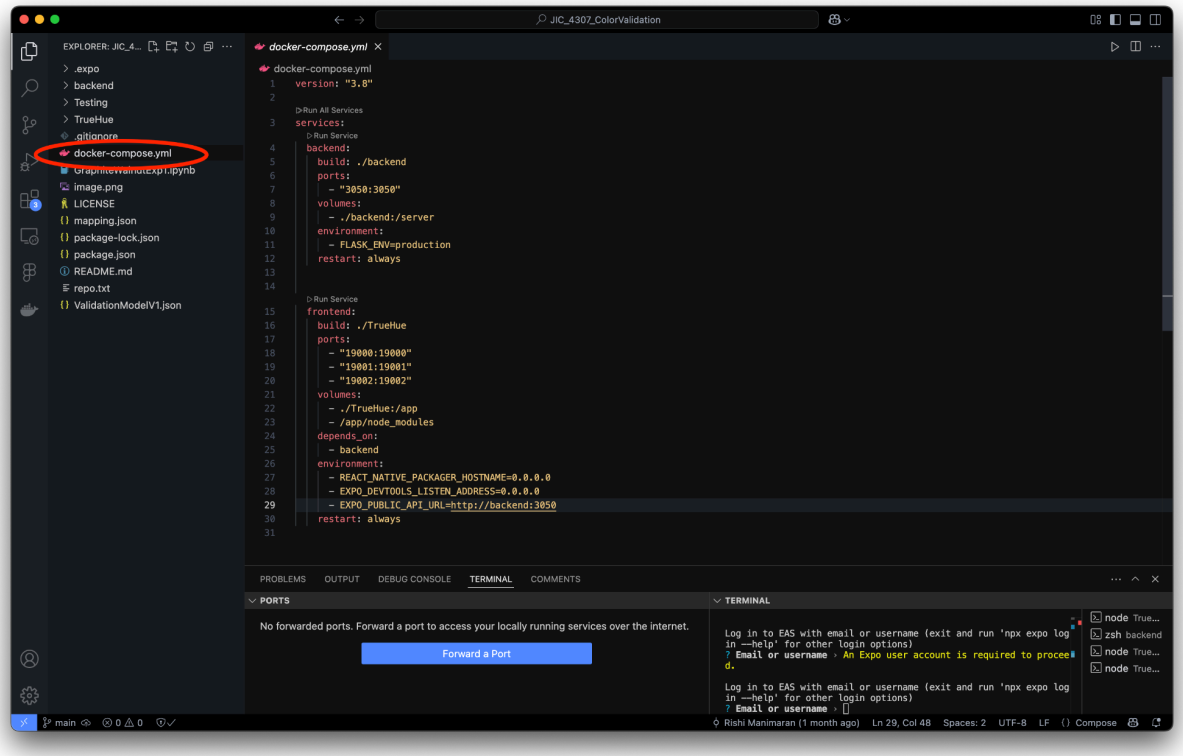
1. git clone https://github.com/JDA-4307/JIC_4307_ColorValidation.git
   Repo Link (https://github.com/JDA-4307/JIC_4307_ColorValidation)
2. First open the cloned folder:
   - Locate the config.js file and change the localhost to your local ip address. You can get your local ip address by opening up the terminal and using the following command: `ipconfig getifaddr en0`
   - So the new API_URL should look something like :
   - `http://(your local ip):3050`
   -



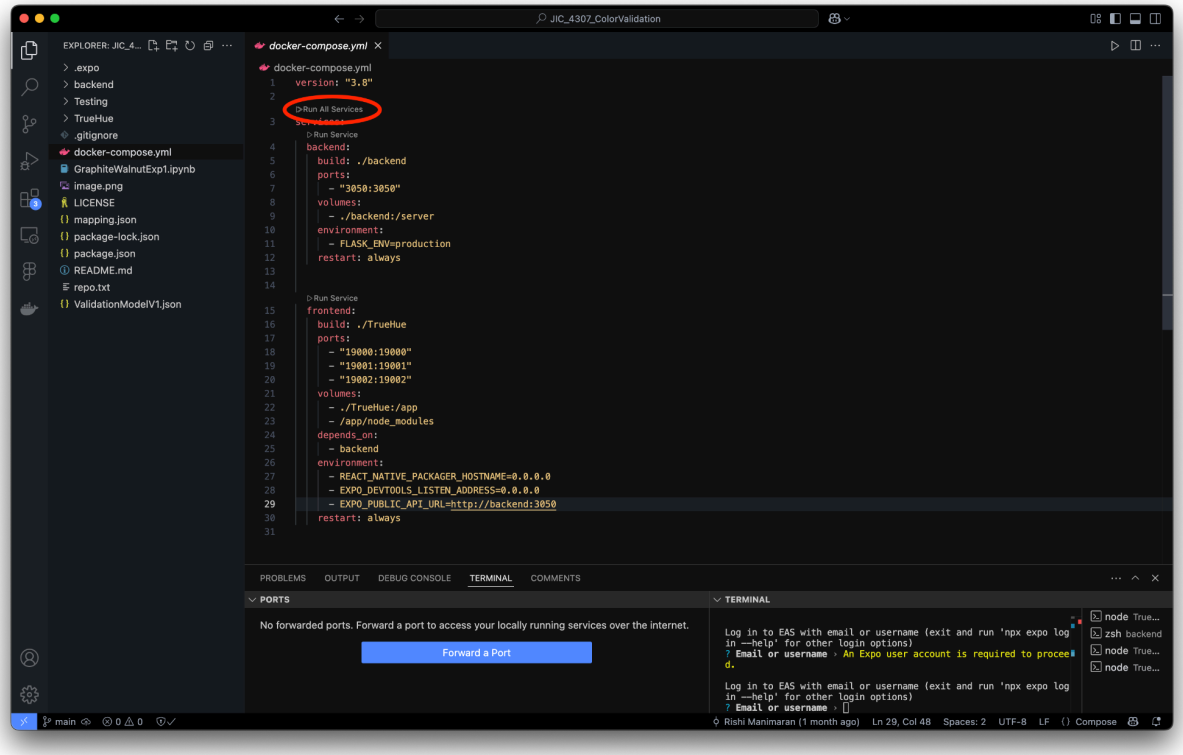
3. Have Docker Open



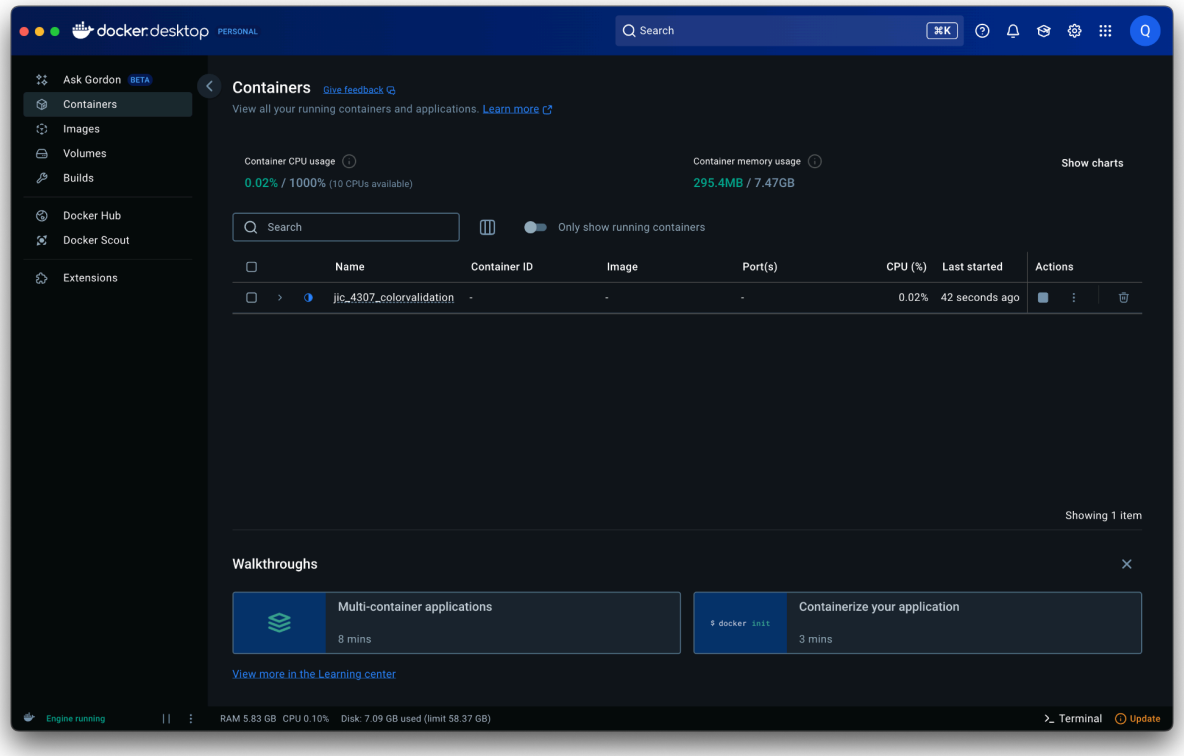
4. In VSCode, open the docker-compose.yml file.



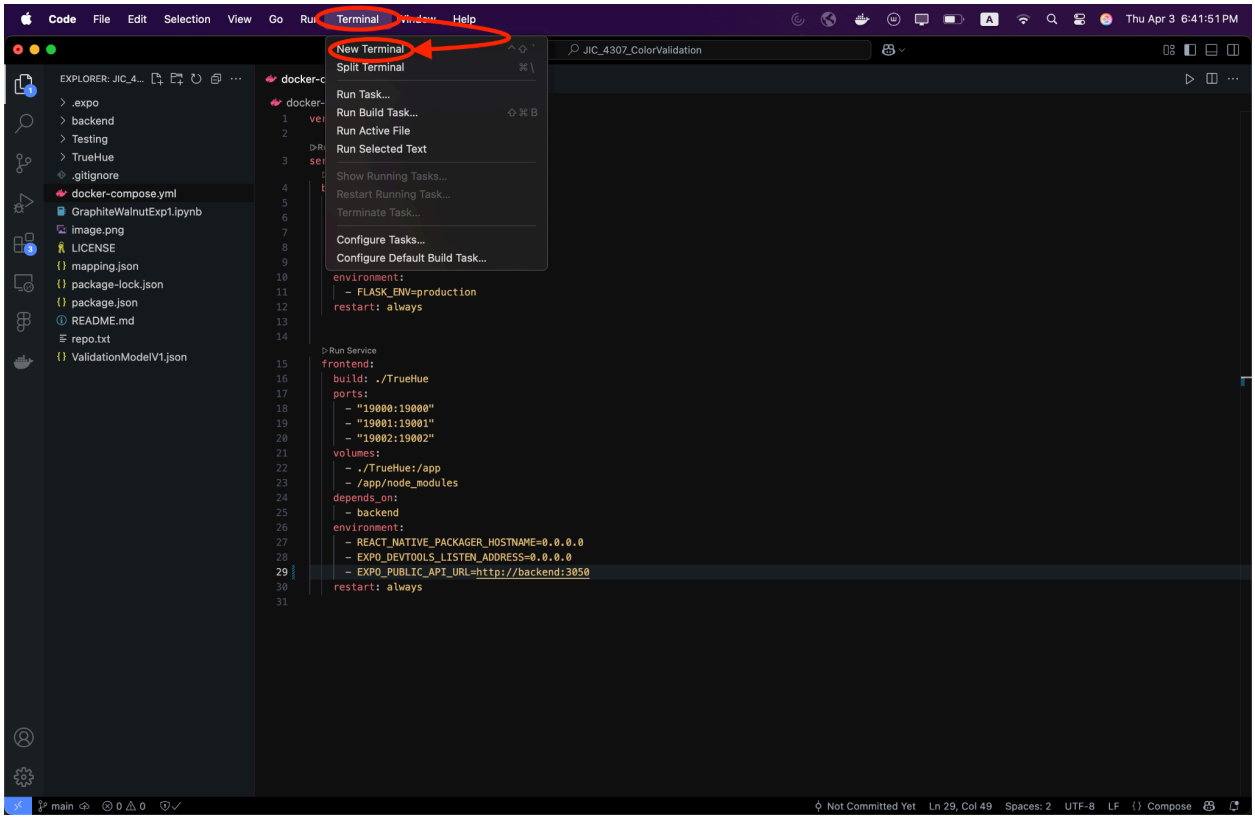
5. Above services, press the “run all services button”

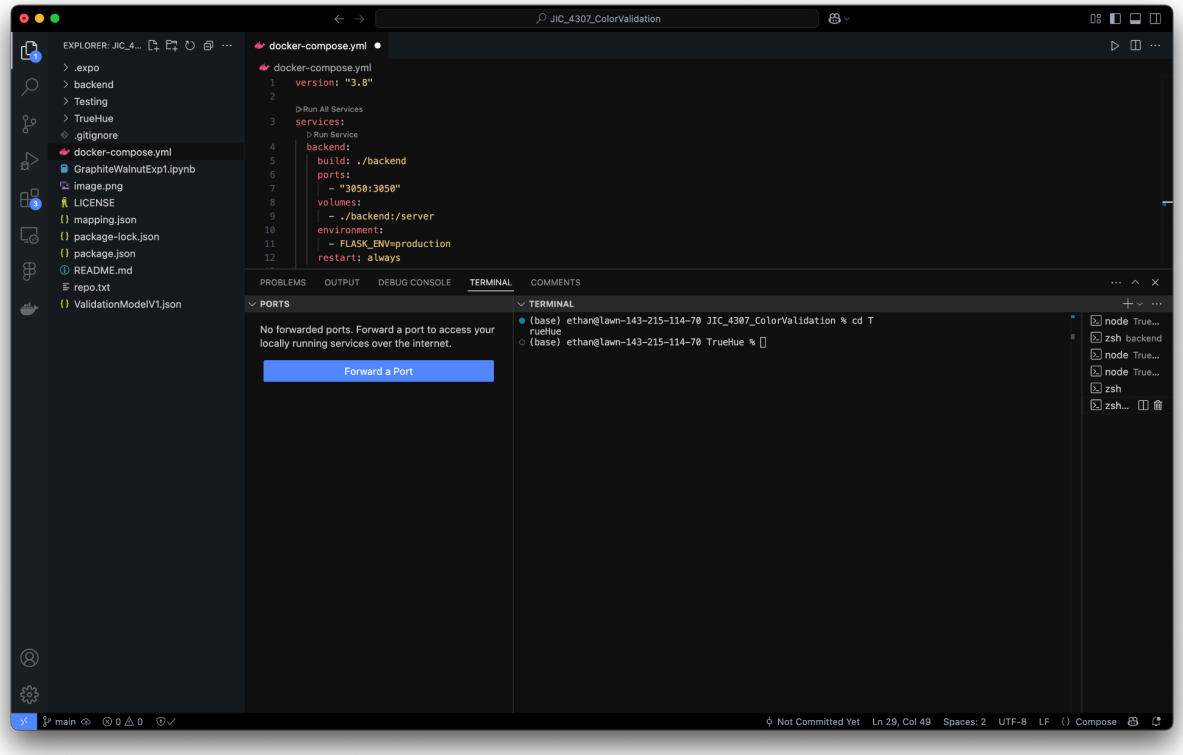


6. Wait for everything to install
   You should have a new Docker Container

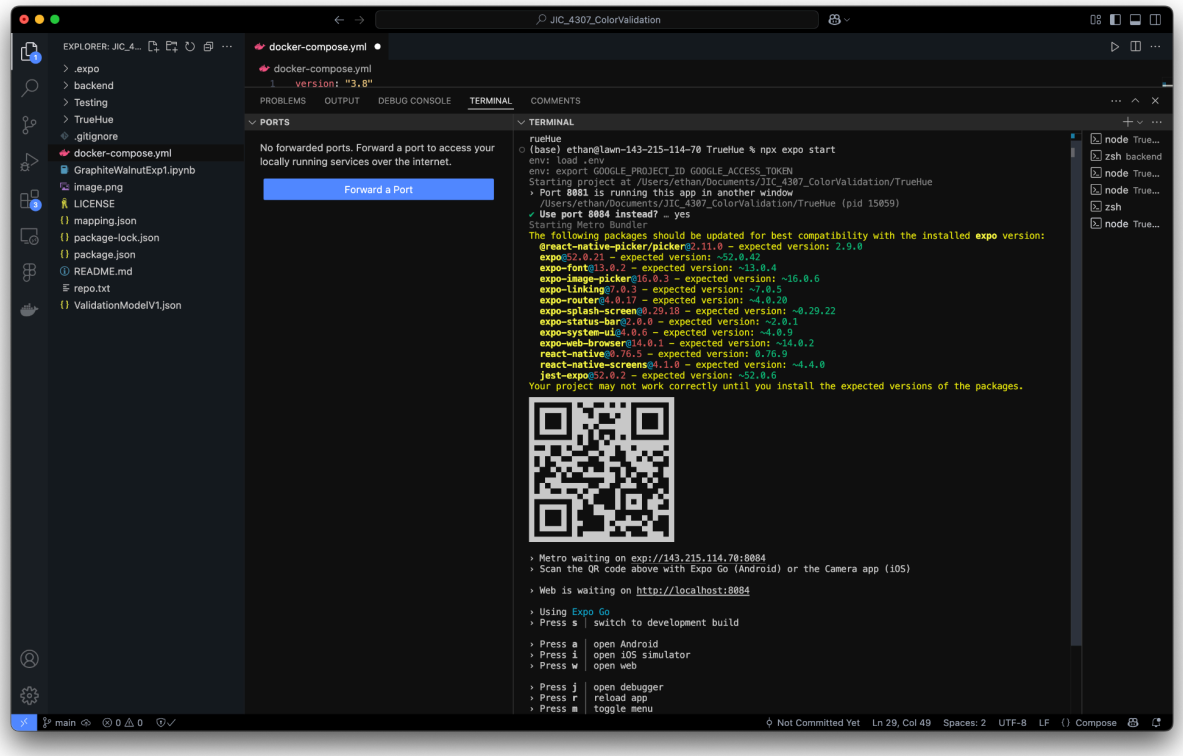


7. In the VSCode Terminal, navigate to the “TrueHue” folder using `cd TrueHue`





8. Run `npm install`
9. In the terminal, enter `npx expo start`



10. Run on your browser (w), iOS simulator (i), android simulator (a), or scan the QR code to run in the Expo App