

SETUP

1. Stack

a. Node Js v16

Link : <https://nodejs.org/en/download/>

Installation :

1. Download the Windows installer from Nodejs.org.
2. Run the installer (the . msi file you downloaded in the previous step.)
3. Follow the prompts in the installer (Accept the license agreement, click the NEXT button a bunch of times and accept the default installation settings).
4. Restart your computer.

b. Angular v14

Link : <https://angular.io/guide/setup-local>

Installation :

1. After you install node js, Installing Angular CLI with:
npm install --global @angular/cli@next
2. Checking the Angular CLI Version with:
ng version

2. Tools

a. Visual Code

For Front End & Back End, Visual code is used as IDE

Link: <https://code.visualstudio.com/download>

Installation:

1. After you download it, run the installer
2. By default, VS Code is installed under
C:\Users\{Username}\AppData\Local\Programs\Microsoft VS Code.

b. Git Bash

For Front End & Back End, Git is used for coordinating work among programmers collaboratively developing source code during software development.

Link: <https://git-scm.com/downloads>

Installation:

1. After you download it, go to the folder with the downloaded file and run it.
2. Choose the installation path and continue.
3. When you proceed to the Select Components, check the Additional icons checkbox. It will simplify the usage in the future.
4. Continue the installation.
5. Leave all the settings offered during the installation as default position up to the final step – Completing the Git Setup Wizard.

6. Check the Launch Git Bash checkbox. In the future, you will be able to run the program using the icon on the desktop.
7. Uncheck View Release Notes checkbox. We don't need it for now.
8. Click on the Finish.
9. To check the version, enter `git --version` in the open terminal window and press Enter.

c. Git Desktop(Optional)

For Front End & Back End, Git Desktop makes it easy to push, pull, merge, etc. on remote git. You can use Git Desktop, Sublime merge or Git Bash

Link: <https://desktop.github.com/>

Installation:

1. In your computer's Downloads folder, double-click the GitHub Desktop setup file.
2. GitHub Desktop will launch after installation is complete.