System requirements:

The system that is being used for this demonstration of installing nodejs, react CLI, and running the program are the following:

Intel core i7 12700H
16GB DDR5 RAM
Windows 11 Home edition

Installation instructions:

1. Go to [Node.js (nodejs.org)](nodejs.org)
2. Click on the version recommended for most users (LTS)
3. Wait for download to finish
4. Run the executable file
5. Follow the prompts on screen to finish install

After you have installed nodejs, its time to switch over to your phone for the next step

1. Go to the app store/google play store and type in "Expo go"
2. Download Expo go
3. Once downloaded run the application

After you have completed running the application, return to your computer for further instruction. From here we are going to be using React Native to create an application.

1. Hit windows key + R at the same time, a window at the bottom left should come up
2. Type "cmd.exe"
3. Copy and paste the following command into the prompt window "npx create-expo-app Demo" and hit enter
4. Wait for the process to finish
5. Now, copy the following command and hit enter "cd Demo"
6. From here enter "npm start"
7. Wait for the process to finish
8. When the process is finished, you should see a QR code

After you have competed this step, move back to your phone

1. Click on the QR code
2. Hold your phone up to the QR code

Your phone should now be paired with the development environment.

Congratulations, you have successfully set up Node.js, used React Native CLI to build an application, and Expo Go to see your application in development.

Troubleshooting:

If Expo Go runs into issues while trying to scan and run the QR code, your going to have to install an android emulator in order to see your application.

1. Go to [Download Android Studio & App Tools - Android Developers](#)
2. Click on the download button
3. Wait for the executable file to download
4. Run the executable file
5. Follow the on screen prompts
6. Once done, open the application.
7. Click on the more options drop down menu
8. Click virtual device manager
9. Right beside Pixel 3a, click the play button
10. From here sign in with a google account
11. Once you are done that download Expo Go
12. After you are done, open the app
13. Once you open the app you should notice that the QR code option isn't available, click on "Enter URL manually"
14. Enter the URL listed right under the QR code when you run your desired project. Should start with "exp://"
15. You should see that the app has paired.

Other videos that might help include: [How to setup React Native with Expo quickly (youtube.com)](#) , [how to use expo go to create an application - YouTube](#) ,