

⚡ Current Skill Installation & environment

## What do we need?

Make sure you have already installed these tools, in case you haven't.

### 1. Node JS

Working with npm (node package manager) and some libraries related to React, requires NodeJS.

You can download it here: <https://nodejs.org/>.



### 2. Visual Studio Code

We need an editor to edit React files. You can download VSCode from here:

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

*Or you can always use your favorite IDE/ Editor.*



# npx

Now, we are going to create our first React project.

React projects often require a couple of packages and some configuration. Fortunately, there is an npm package called **create-react-app** that takes care of all of that.

We can call this package directly without installing it thanks to the **npx** command.

```
anis@anis-PC:~$ npx create-react-app myfirstapp

Creating a new React app in /home/anis/myfirstapp.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

yarn add v1.22.4
[1/4] Resolving packages...
  · react-scripts
```

## Create-react-app

Now, we will create our project using **create-react-app** and **npx** command.

Here are the steps to do so:



1. Let's create a folder for the React projects. You can choose any empty folder.
2. Access it using the Command line/ Terminal.
3. Run the following command to create the React project:

```
npx create-react-app <project-name>
```

***Note:** Replace the **<project-name>** with your project name.*

This command will create a subfolder named after the project name you just specified.

```
~$ cd Desktop/
```



```
~/Desktop$ npx create-react-app myfirstapp
```

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