**Toolchain for building React Application**

* In computing technologies toolchain refers to a set of software tools required for building, debugging, testing and deploying application.

**You can use React in existing web application:**

**Setup Environment:**

* + **Download and Install Node.js 10+ version [for Package Manager NPM 5+]**  
    [Package Manager is tool used to download and install library for your project]  
    **Ex:** *Yarn, NPM, RubyGems, Grunt, NuGet, etc.*   
    <https://nodejs.org/en/download/>
  + **Check the Version of NPM and Node.**js   
    C:\>node -v   
    C:\>npm -v
  + **Download and Install “Visual Studio Code” editor**<https://code.visualstudio.com/>
  + **Download and Install Following Extensions in VS-Code Editor**Live Server  
    vscode-icons

**Create a Traditional Web Application**

* Create a new Folder on your PC  
  **C:\ReactApplication**
* Open the folder the Vs-Code Editor
* Open “Terminal” [use command prompt]
* Run the following command  
  **C:\ReactApplication> npm init**
* This will generate “package.json”, which contains meta data.
* Add following folders
  + public [to keep all your static resources]
  + src [to keep all your dynamic resources]
* Install bootstrap for project  
  **> npm install bootstrap**[this will install bootstrap 5] *npm install* [*bootstrap@4.6*](mailto:bootstrap@4.6)
* This will add **“node\_modules”** folder