

Instalar el Servidor Web y crear una página web con React

Analiza y configura los servicios web y pasar una archivo index con el programa FileZilla desde Windows, para hacer la transferencia deberá de tener el puerto 927 del SSH.

Capturas de pantalla

```
paola@paola-virtual-machine:~$ sudo apt install nodejs
[sudo] password for paola:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

```
paola@paola-virtual-machine:~$ sudo apt install npm
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libflashrom1 libftdi1-2 liblvm13
```

```
paola@paola-virtual-machine:~$ sudo npm install -g n
added 1 package, and audited 2 packages in 950ms
```

```
paola@paola-virtual-machine:~$ sudo n stable
installing : node-v18.17.1
mkdir : /usr/local/n/versions/node/18.17.1
fetch : https://nodejs.org/dist/v18.17.1/node-v18.17.1-linux-x64.tar.xz
copying : node/18.17.1
installed : v18.17.1 (with npm 9.6.7)

Note: the node command changed location and the old location may be remembered in your current shell.
old : /usr/bin/node
new : /usr/local/bin/node
If "node --version" shows the old version then start a new shell, or reset the location hash with:
hash -r (for bash, zsh, ash, dash, and ksh)
rehash (for csh and tcsh)
```

```
paola@paola-virtual-machine:~$ sudo npm install -g npm
[sudo] password for paola:
removed 16 packages, and changed 43 packages in 4s
28 packages are looking for funding
run 'npm fund' for details
```

```
paola@paola-virtual-machine:~$ sudo npm install -g npm@latest
changed 18 packages in 2s
28 packages are looking for funding
run 'npm fund' for details
```

```
paola@paola-virtual-machine:~$ sudo npm install -g create-react-app
npm WARN deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please upgrade asap.
added 67 packages in 5s
5 packages are looking for funding
run 'npm fund' for details

paola@paola-virtual-machine:~$ create-react-app --version
5.0.1
```

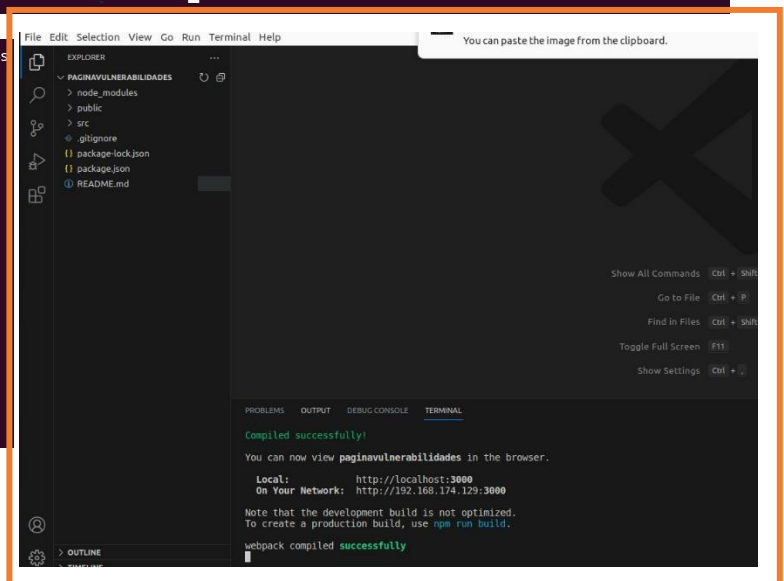
```
paola@paola-virtual-machine:~$ create-react-app paginavulnerabilidades
Creating a new React app in /home/paola/paginavulnerabilidades.
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1439 packages in 2m
241 packages are looking for funding
run 'npm fund' for details

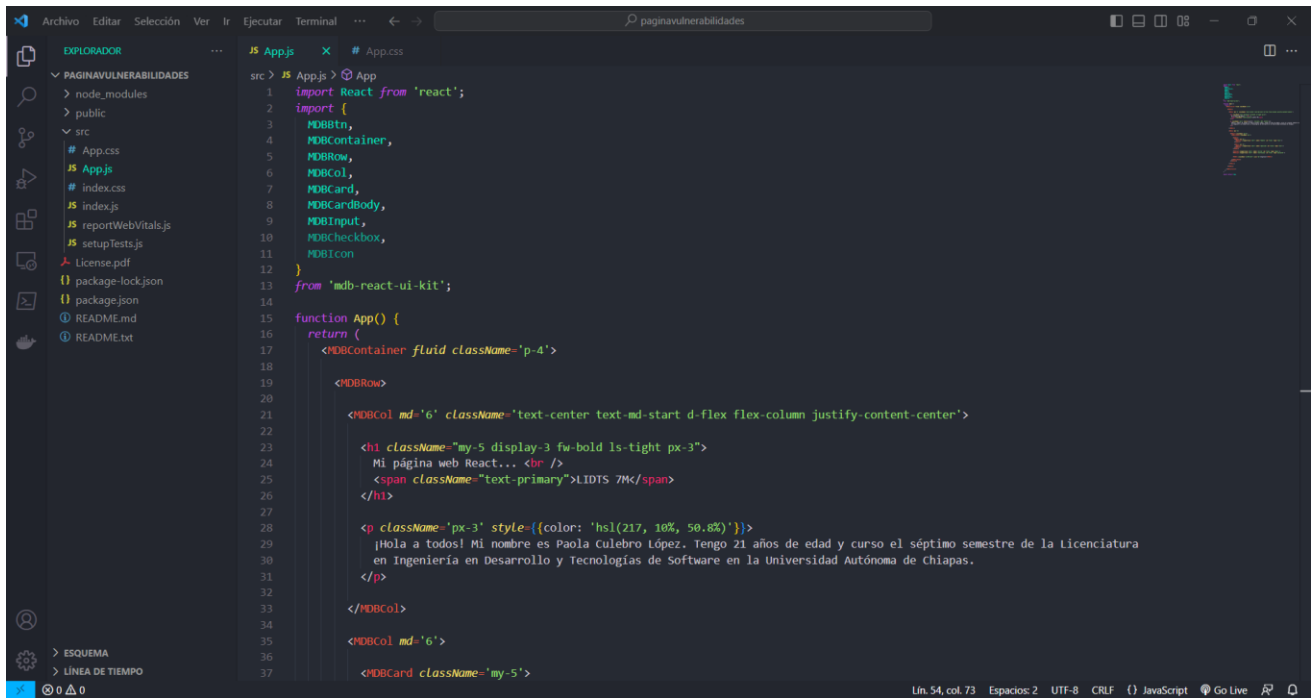
Initialized a git repository.

Installing template dependencies using npm...

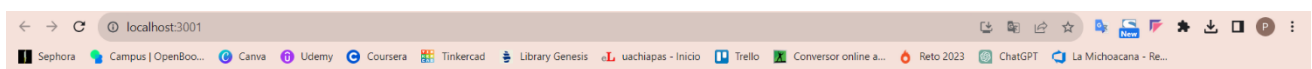
added 69 packages, and changed 1 package in 9s
245 packages are looking for funding
run 'npm fund' for details
Removing template package using npm...
```



Estos comandos anteriores que muestran las capturas de pantalla me permitieron configurar un entorno de desarrollo de React en mi sistema: primero, instalé Node.js y npm para ejecutar código JavaScript, luego actualicé npm a su última versión, instalé la herramienta "create-react-app" para generar proyectos de React rápidamente, creé un proyecto llamado "webpersonal", y finalmente inicié un servidor de desarrollo con "npm start" para ver y trabajar en mi aplicación en el navegador.



```
1 import React from 'react';
2 import {
3   MDBBtn,
4   MDBContainer,
5   MDBRow,
6   MDBCol,
7   MDBCard,
8   MDBCardBody,
9   MDBInput,
10  MDBCheckbox,
11  MDBIcon
12 } from 'mdb-react-ui-kit';
13
14 function App() {
15   return (
16     <MDBContainer fluid className="p-4">
17       <MDBRow>
18         <MDBCol md="6" className="text-center text-md-start d-flex flex-column justify-content-center">
19           <h1 className="my-5 display-3 fw-bold ls-tight px-3">
20             Mi página web React... <br />
21             <span className="text-primary">LIDTS 7M</span>
22           </h1>
23           <p className="px-3" style={{color: 'hsl(217, 10%, 50.8%)'}}>
24             ¡Hola a todos! Mi nombre es Paola Culebro López. Tengo 21 años de edad y curso el séptimo semestre de la Licenciatura en Ingeniería en Desarrollo y Tecnologías de Software en la Universidad Autónoma de Chiapas.
25           </p>
26         </MDBCol>
27         <MDBCol md="6">
28           <MDBCard className="my-5">
```



Mi página web React...

LIDTS 7M

¡Hola a todos! Mi nombre es Paola Culebro López. Tengo 21 años de edad y curso el séptimo semestre de la Licenciatura en Ingeniería en Desarrollo y Tecnologías de Software en la Universidad Autónoma de Chiapas.

Para realizar lo del SSH (Windows a Ubuntu)...

```
paola@paola-virtual-machine:~$ sudo apt install openssh-server
[sudo] password for paola:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
 libflashrom1 libftdi1-2 libllvm13
Use 'sudo apt autoremove' to remove them.
```