

# DESARROLLO WEB EN ENTORNO SERVIDOR



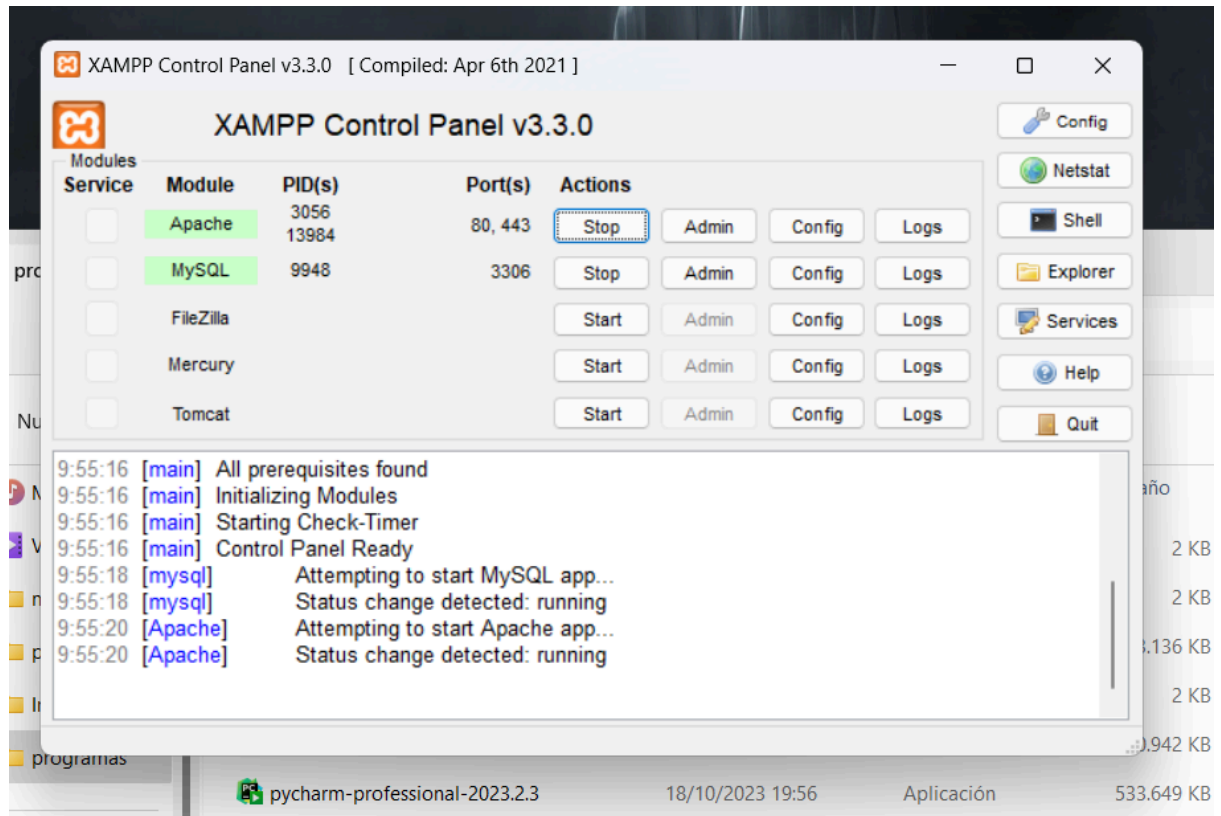
# Desarrollo Web en Entorno Servidor

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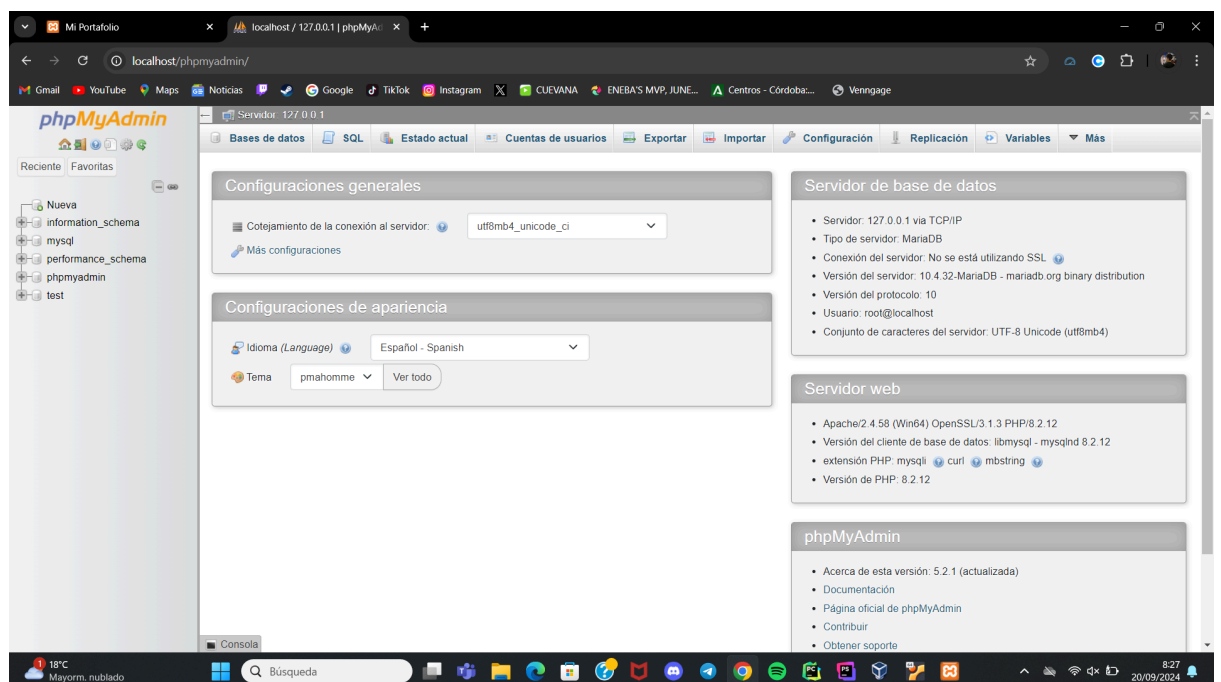
# Desarrollo Web en Entorno Servidor

## ACTIVIDAD 1

### 1. Instalar y configurar XAMPP

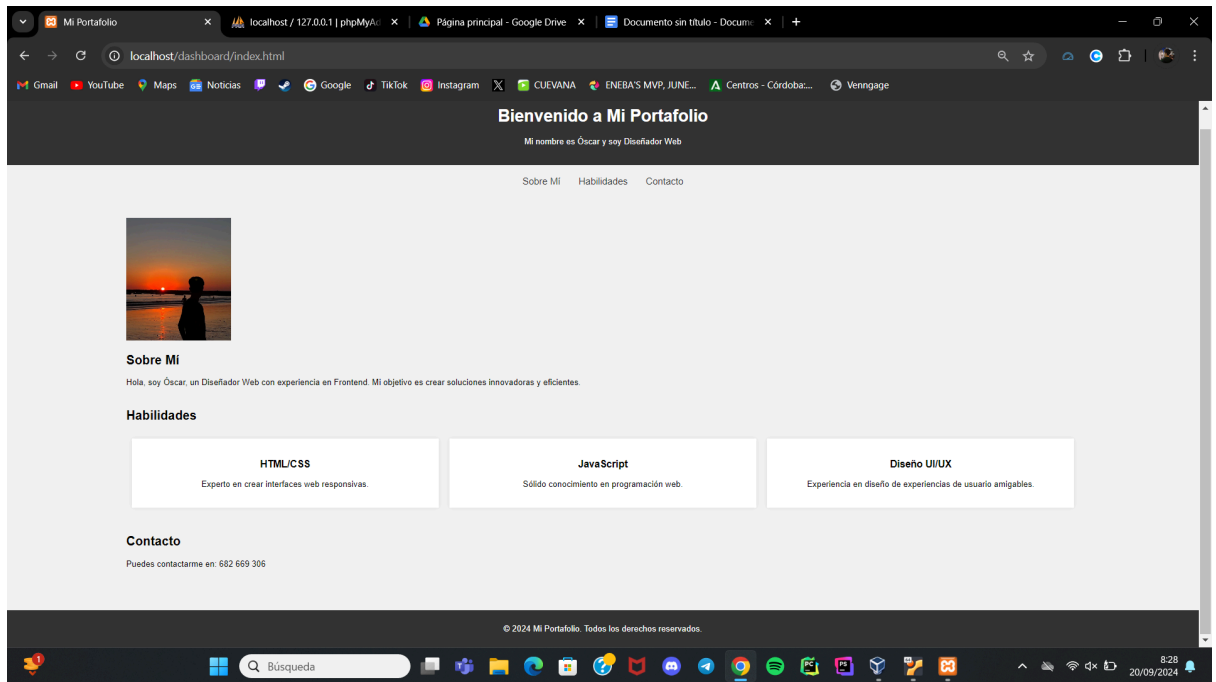


### 2. Instalar phpmyadmin



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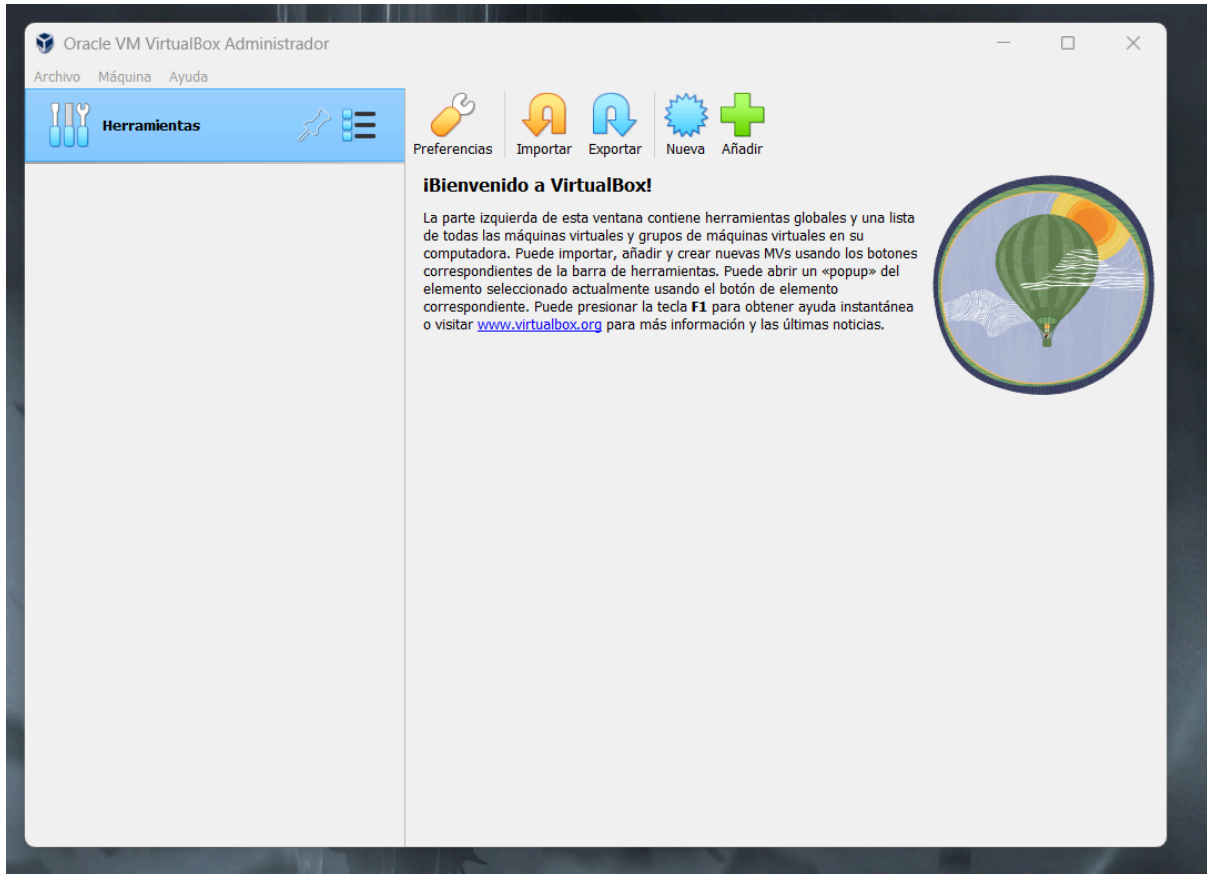
## 3. Probar la aplicación creando un portfolio personal básico.



# Desarrollo Web en Entorno Servidor

## ACTIVIDAD 2

### 1. Descargar e instalar VirtualBox.



### 2. Crear una máquina virtual con Ubuntu Server e instalar de manera independiente Apache, MariaDB, PHP y phpMyAdmin.

```
ooscar@oscar:~$ sudo apt install apache2
Available applications:
  Apache
  Apache Full
  Apache Secure
  OpenSSH
ooscar@oscar:~$ sudo apt install mariadb-server
  Apache Secure
  OpenSSH
ooscar@oscar:~$ sudo apt install phpmyadmin php-mbstring php-zip php-gd php-json php-curl
  OpenSSH
ooscar@oscar:~$ sudo apt install php libapache2-mod-php php-mysql
```

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## 3. Configurar la conexión entre el entorno de trabajo y el servidor.

```
PS C:\Users> ssh oscar@192.168.116.228
The authenticity of host '192.168.116.228 (192.168.116.228)' can't be established.
ED25519 key fingerprint is SHA256:LLW0b6zC+41y/btCaGTCYJhbNeHXPW3cQZFd1PydUBU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.116.228' (ED25519) to the list of known hosts.
oscar@192.168.116.228's password:
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-45-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of vie 20 sep 2024 06:59:11 UTC

System load:  0.54               Processes:            141
Usage of /:   24.0% of 11.21GB   Users logged in:     1
Memory usage: 6%                IPv4 address for enp0s3: 192.168.116.228
Swap usage:  0%

El mantenimiento de seguridad expandido para Applications está desactivado

Se pueden aplicar 0 actualizaciones de forma inmediata.

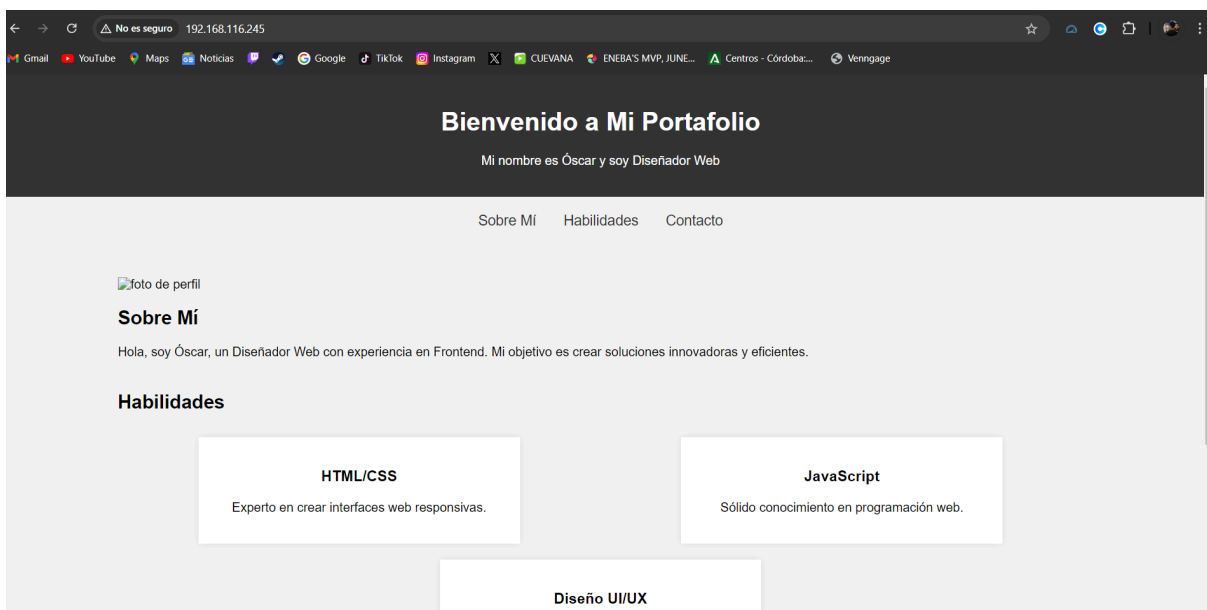
Active ESM Apps para recibir futuras actualizaciones de seguridad adicionales.
Vea https://ubuntu.com/esm o ejecute «sudo pro status»

oscar@oscar:~$
```

## 4. Probar la aplicación creando un portfolio personal básico.

```
PS C:\Users\RayoP> scp "C:\xampp\htdocs\dashboard\index.html" oscar@192.168.116.245:/home/oscar
oscar@192.168.116.245's password:
index.html                                     100% 3219      1.7MB/s   00:00
PS C:\Users\RayoP> |
```

```
oscar@oscar:~$ sudo mv /home/oscar/index.html /var/www/html
oscar@oscar:~$ |
```



# Desarrollo Web en Entorno Servidor

## ACTIVIDAD 4

```
Homestead.yaml X
C: > Users > RayoP > Project_Laravel > Homestead > Homestead.yaml
1  ---
2  ip: "192.168.56.56"
3  memory: 2048
4  cpus: 2
5  provider: virtualbox
6
7  authorize: C:\Users\RayoP\.ssh/id_rsa.pub
8
9  keys:
10 |   - C:\Users\RayoP\.ssh/id_rsa
11
12 folders:
13 |   - map: ~/code
14 |     to: /home/vagrant/code
15
16 sites:
17 |   - map: homestead.dw
18 |     to: /home/vagrant/code/public
19
20 databases:
21 |   - homestead
22
23 features:
24 |   - mariadb: false
25 |   - postgresql: false
26 |   - ohmyzsh: false
27 |   - webdriver: false
28
29 services:
30 |   - enabled:
31 |       |   - "mysql"
32 |   - disabled:
33 |       |   - "postgresql@11-main"
34
```

# Desarrollo Web en Entorno Servidor

```
vagrant@homestead: ~/Projects_Laravel/Project1/public

RayoP@Oscar MINGW64 ~/Project_Laravel/Homestead (release)
$ vagrant ssh
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-91-generic x86_64)

Last login: Sun Sep 22 20:47:22 2024 from 10.0.2.2
vagrant@homestead:~$ ls
Projects_Laravel
vagrant@homestead:~$ cd Projects_Laravel/
vagrant@homestead:~/Projects_Laravel$ ls
Project1
vagrant@homestead:~/Projects_Laravel$ cd Project1/
vagrant@homestead:~/Projects_Laravel/Project1$ ls
app            composer.json  database       public         routes        vendor
artisan        composer.lock  package.json  README.md     storage       vite.config.js
bootstrap      config         phpunit.xml   resources     tests
vagrant@homestead:~/Projects_Laravel/Project1$ cd public/
vagrant@homestead:~/Projects_Laravel/Project1/public$ ls
favicon.ico  index.html  index.php  robots.txt
vagrant@homestead:~/Projects_Laravel/Project1/public$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
```

Hello Vagrant