### **1. Download the XAMPP Installer**

Navigate to the /tmp directory:

cd /tmp

Download the XAMPP installer (version 8.2.12):

sudo wget https://sourceforge.net/projects/xampp/files/XAMPP%20Linux/8.2.12/xampp-linux-x64-8.2.12-0-installer.run/download -O xampp-linux-x64-8.2.12-0-installer.run

⚠️ If the link results in a **404 error**, visit the official XAMPP Linux Download Page for the latest version.

### **✅ 2. Make the Installer Executable**

sudo chmod +x xampp-linux-x64-8.2.12-0-installer.run

### **✅ 3. Run the Installer**

sudo ./xampp-linux-x64-8.2.12-0-installer.run

Follow the on-screen wizard:

* XAMPP Core Files: Y (default)
* XAMPP Developer Files: y
* Confirm Selection: y
* Press Enter to install at default location (/opt/lampp)
* Continue with installation: y

### **✅ 4. Configure phpMyAdmin Access**

Edit the XAMPP configuration file:

sudo vi /opt/lampp/etc/extra/httpd-xampp.conf

🔁 Change the following block:

<Directory "/opt/lampp/phpmyadmin">

AllowOverride AuthConfig Limit

Require all granted

ErrorDocument 403 /error/XAMPP\_FORBIDDEN.html.var

</Directory>

This gives access to phpmyadmin from any host.

### **✅ 5. Restart XAMPP (Twice)**

sudo /opt/lampp/lampp restart

sudo apt update

sudo apt install net-tools

sudo /opt/lampp/lampp restart

**CREATE DB IN PHP MY ADMIN**

<http://<AWS_PUBLIC_IP>/phpmyadmin/>

🔄 Restarting twice ensures the config changes are fully applied.

### **✅ 6. Clone Your GitHub Project into the Web Directory**

Navigate to the web root directory:

cd /opt/lampp/htdocs

Clone your repository:

sudo git clone https://github.com/UrvishSuhagiya/SOFTLIB.git

### **✅ You're Done!**

Access your project in the browser:

<http://<AWS>\_PUBLIC\_IP>/SOFTLIB/

Let me know if you want to auto-start XAMPP on boot or configure a domain!

ERRORRRRRR SOLVE

First, run this command once to fix the "dubious ownership" error:

git config --global --add safe.directory /opt/lampp/htdocs/SOFTLIB

Then, pull updates from the main branch (inside the SOFTLIB folder):

cd /opt/lampp/htdocs/SOFTLIB

git pull origin main

This will fetch the latest changes from GitHub into your local SOFTLIB project.

Run this command **once** to change the ownership of the project directory to your current user:

sudo chown -R $USER:$USER /opt/lampp/htdocs/SOFTLIB

Explanation:

* sudo: run as superuser
* chown: change ownership
* -R: recursively apply to all files and folders
* $USER:$USER: sets ownership to your current user

### **Then run:**

cd /opt/lampp/htdocs/SOFTLIB

git pull origin main

CREATE USER 'root'@'%' IDENTIFIED BY 'root@123';

GRANT ALL PRIVILEGES ON \*.\* TO 'root'@'%' WITH GRANT OPTION;

FLUSH PRIVILEGES;

CREATE USER 'softlibuser'@'localhost' IDENTIFIED BY 'softlibuser@12';

GRANT ALL PRIVILEGES ON mylib.\* TO 'softlibuser'@'localhost';

FLUSH PRIVILEGES;

IN CONFIG.PHP FILE EDITED THIS...

define('DB\_HOST','localhost');

define('DB\_USER','softlibuser');

define('DB\_PASS','strongpassword');

define('DB\_NAME','mylib');