cPanel

Pre-requisites:

1. Download and Install the LTS version (Current LTS version is 20x) of the **Node.js** runtime environment from the official website here

   If you face any difficulties here is an excellent tutorial on installing Node.js:

   https://www.geeksforgeeks.org/installation-of-node-js-on-windows/

2. Open your **command prompt or Windows PowerShell** and install the **yarn** package manager.
3. Type command: npm install --global yarn

It will install the yarn package manager globally on your machine if it has not been installed before.

Without installing Node.js you can't use the npm command. So be sure that Node.js has been installed properly. To check whether Node.js has been installed correctly or not type the command node --version in your terminal. It will show the current Node.js version of your machine.

Installation Guide: Sub-Domains

STEP 1

Create Frontend Sub-domain

1. Go to your **cpanel** and find **Domains or Subdomain;**
2. Create a **Subdomain** for frontend
   a. Example : erpos.osapp.net

Domains

List Domains

Use this interface to manage your domains. For more information, read the documentation.

| Search | | Page Size | 20 | << | < | > | >> |

Displaying 1 through 20 out of 23 items

| ☐ | Enable Force HTTPS Redirect ▾ | | | | Create A New Domain |

| Domain ⌃ | Document Root | Redirects To | Force HTTPS Redirect | Actions |

Use this interface to manage your domains. For more information, read the documentation.

Create a New Domain

Domain ⓘ
Enter the domain that you would like to create:

erpos.osapp.net

Document Root (File System Location) ⓘ
If the document root is shared then the created domain will serve the same content as "osapp.net". **This setting is permanent.**

☐ Share document root (/home/osapp/public_html) with "osapp.net".

🏠 erpos.osapp.net

Specify the directory where you want the files for this domain to exist.
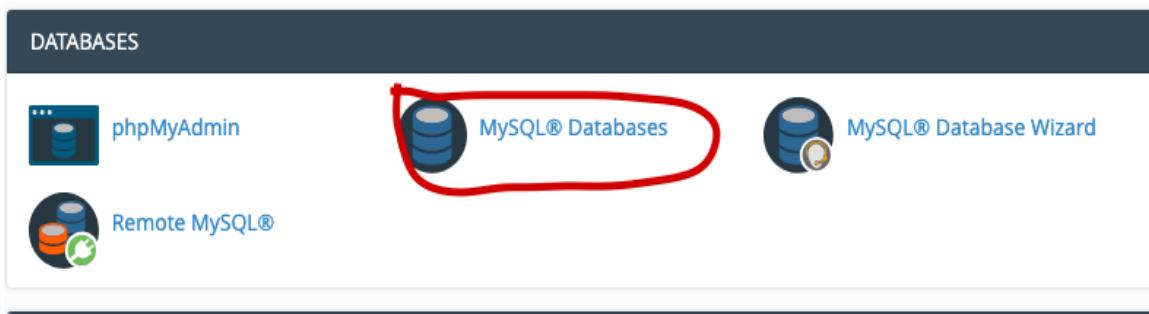
[Submit] [Submit And Create Another]   ↩ Return To Domains

3. Again go to **Domains or Subdomain;**
4. Create a **Subdomain** for backend
    a. Example : api.erpos.osapp.net

Installation Guide: Backend

STEP 1

Setup Database

5. Go to your cpanel and find **MySQL Databases;**

6. **Create a database**

7. **Create a user for database**

8. **Add user to database;**

Add User To Database

User

potatosq_saleday

Database

potatosq_saleday

Add

9. **Give all permission;**

User: **potatosq_saleday**

Database: **potatosq_saleday**

- ☑ ALL PRIVILEGES

|	
☑ ALTER	☑ ALTER ROUTINE
☑ CREATE	☑ CREATE ROUTINE
☑ CREATE TEMPORARY TABLES	☑ CREATE VIEW
☑ DELETE	☑ DROP
☑ EVENT	☑ EXECUTE
☑ INDEX	☑ INSERT
☑ LOCK TABLES	☑ REFERENCES
☑ SELECT	☑ SHOW VIEW
☑ TRIGGER	☑ UPDATE
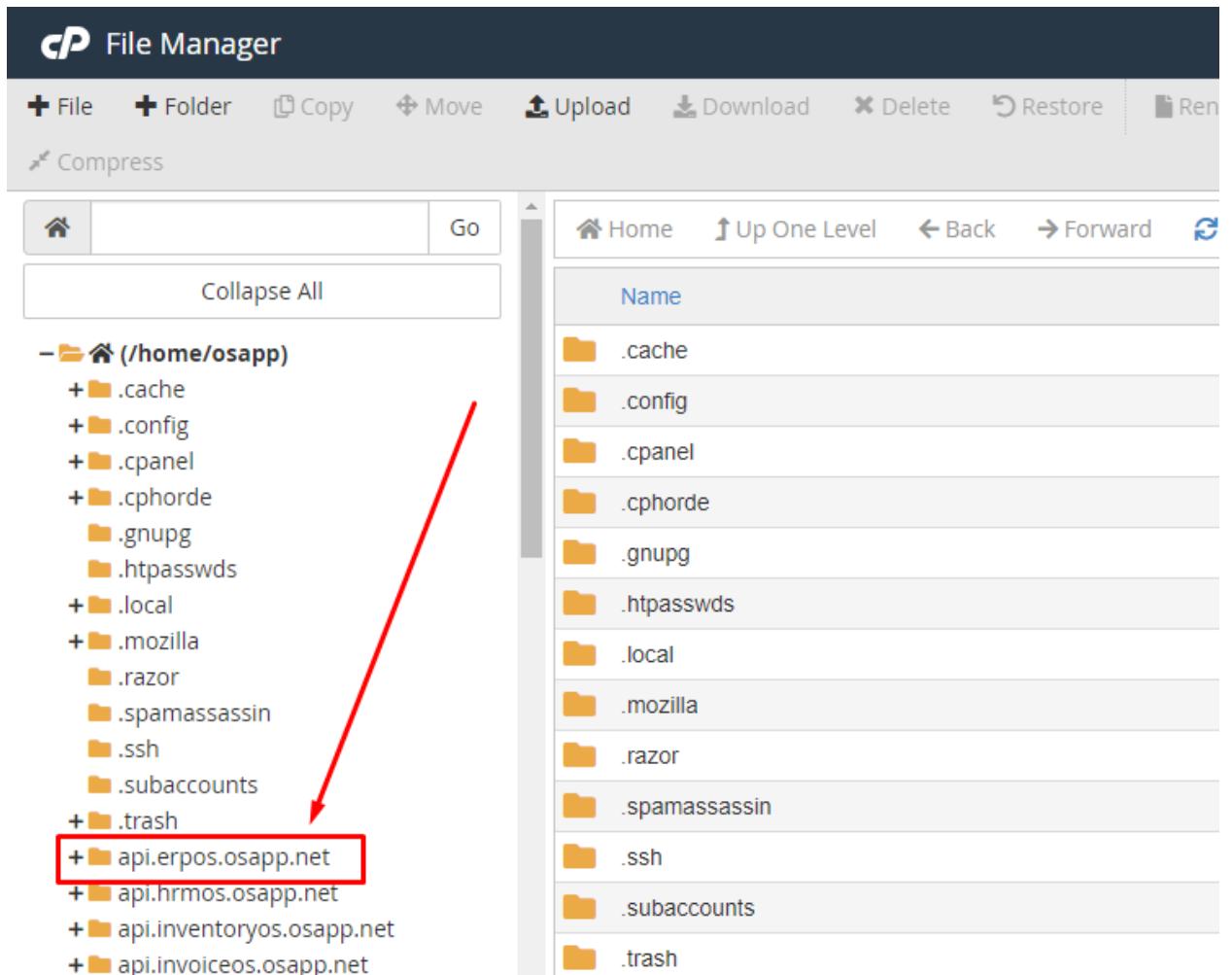
Make Changes   Reset
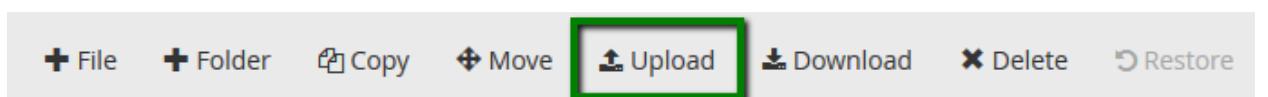
STEP 2

Upload the backend zip file to CPanel

1. Go to your computer source code and zip-compress the main file.
2. Go to **File Manager** of your cpanel and find your domain or subdomain folder

3. Click on **Upload** .

4. Now **Select The Backend-Zip file,** and Upload.

Select the file you want to upload to "/home/osapp/api.erpos.osapp.net".

Maximum file size allowed for upload: ∞
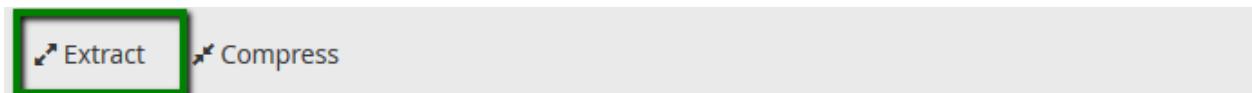
☐ Overwrite existing files

Drop files here to start uploading

or

Select File
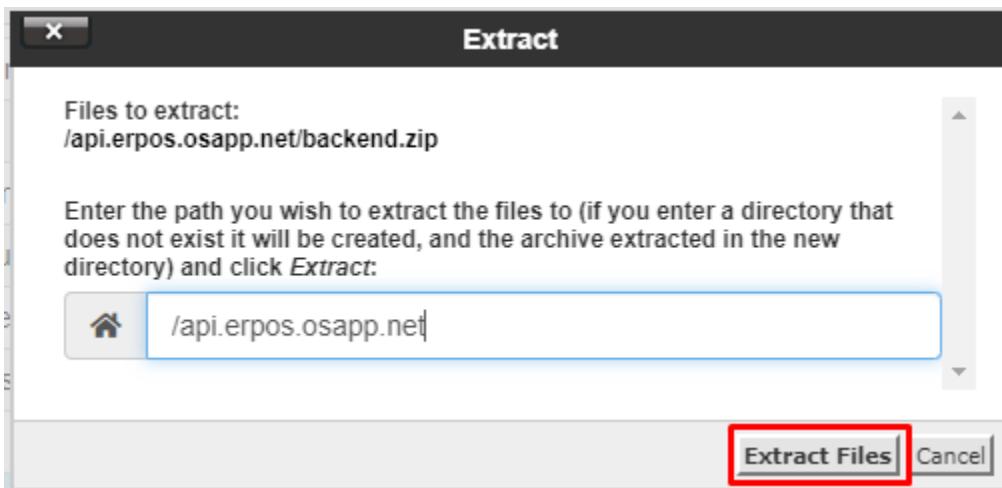
⊕ Go Back to "/home/osapp/api.erpos.osapp.net"

5. **Now Extract** the file:
   a. Select the **backend.zip**.
   b. Hit the Extract icon from the nav bar.
   c. Or right-click on the file and use the Extract option

↗ Extract   ↙ Compress

   d. Define the path to your subdomain root folder.
   e. Once done, hit Extract File(s)

Extract

Files to extract:
/api.erpos.osapp.net/backend.zip

Enter the path you wish to extract the files to (if you enter a directory that does not exist it will be created, and the archive extracted in the new directory) and click *Extract*:

⌂   /api.erpos.osapp.net

Extract Files Cancel
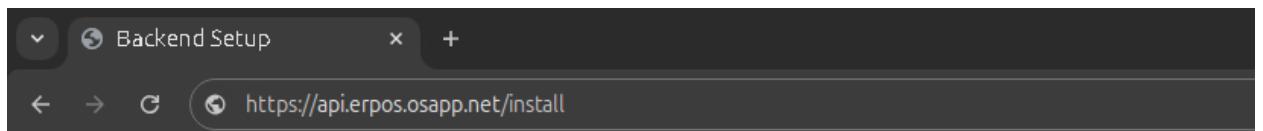
Check your backend subdomain folder if a new backend folder is created then follow the below steps.

   a. Move Newly created **backend folder's** all files to the root of subdomains folder, First Goto newly created **backend folder.**
   b. Click on Select All and then click on Move.
6. **Goto Backend Url: open your browser and go to your backend link**

   For example https://api.erpos.osapp.net

   This will automatically redirect you to https://api.erpos.osapp.net/install

The BackendSetup page will look like this:

Fill Database Information: Now fill in the Database Credentials which you have created in **STEP 6 and 7**.

Then press the Complete Setup Button and wait. It may take some time. This will make a connection with the database server to migrate and seed your application's pre-required data to the Database.

After successfully migrating and seeding you will see this page:
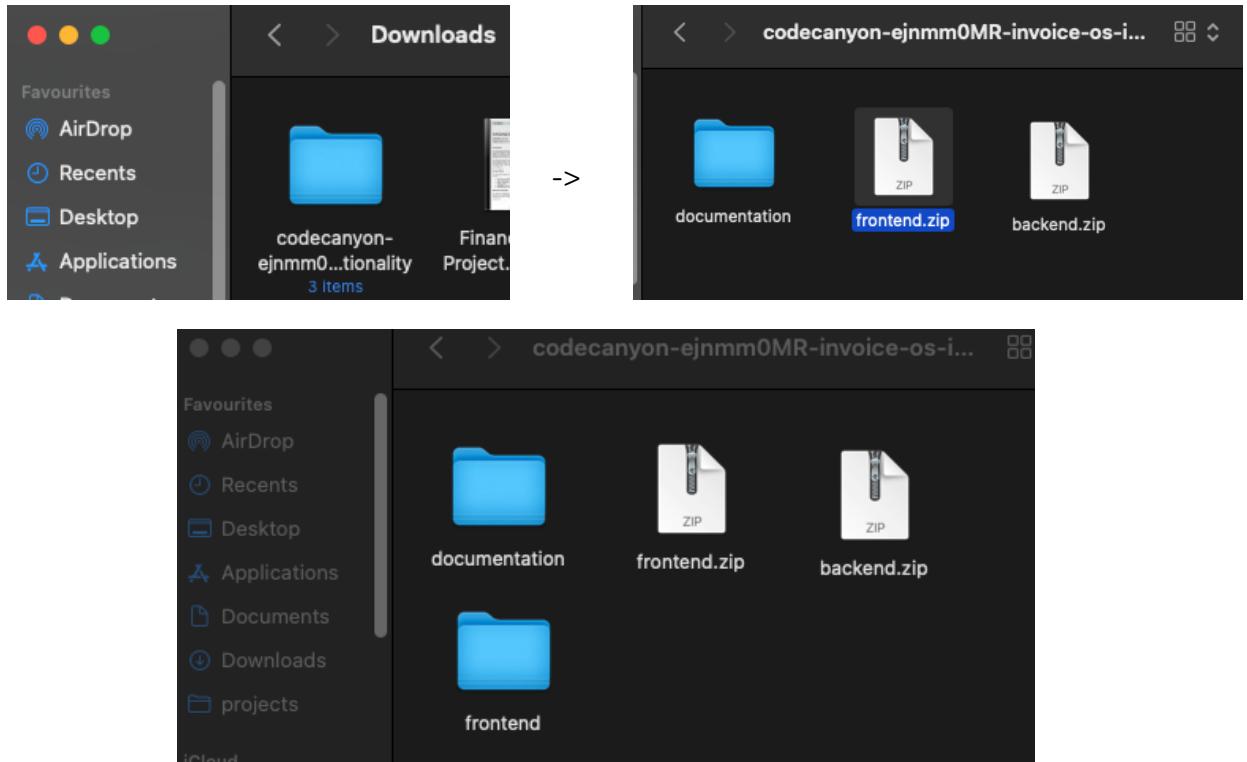
Congratulations!!!!

Backend Successfully deployed and Backend API Are Working Properly Please Setup the Frontend

CPanel Installation Guide: Frontend

STEP 1. Build frontend file from local computer.

2. Go to your computer **source code** and **unzip** the frontend.zip file .
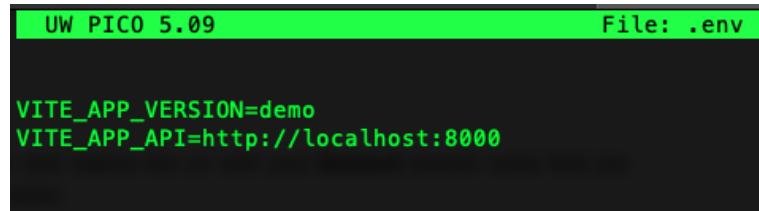
3. Open the frontend **folder** and open Terminal OR CMD on the Frontend folder. Where you will see the **package.json** file**.**
4. **INSTALL PACKAGES:** Install Node Modules by typing `yarn` in the terminal or cmd and hit enter, It will install node packages

5. **SET ENV : Open the .env** file and replace the url with your **Backend subdomain** url that you have created earlier.
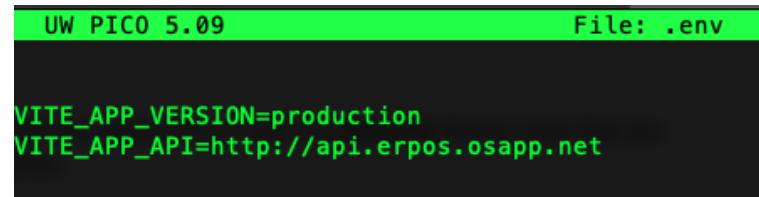
```
UW PICO 5.09                                    File: .env


VITE_APP_VERSION=demo
VITE_APP_API=http://localhost:8000

```

VITE_APP_API: **yourBackendDomain**

VITE_APP_VERSION = **production**

Example : VITE_APP_API=http://api.erpos.omega.ac
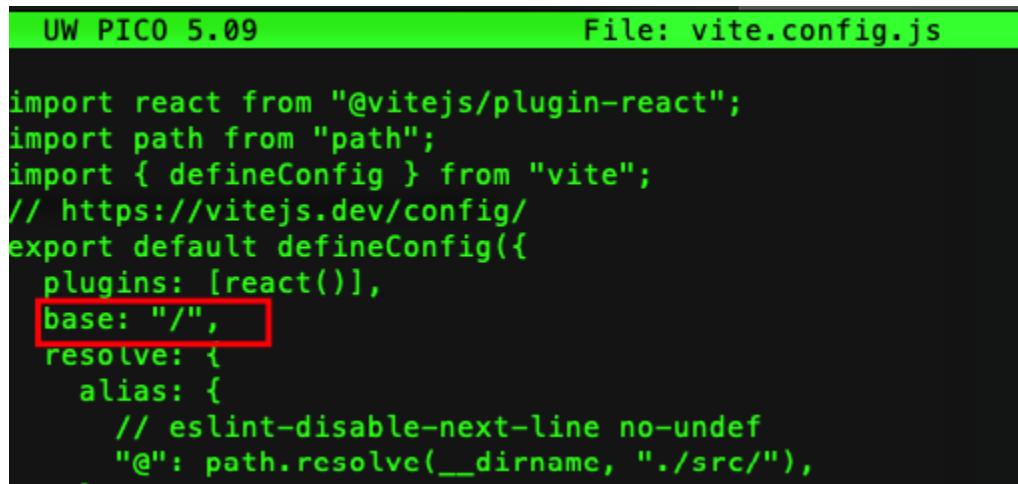
```
UW PICO 5.09                                    File: .env


VITE_APP_VERSION=production
VITE_APP_API=http://api.erpos.osapp.net

```

6. **SET VITE CONFIG:**
   a. Open Vite config file , source-code/frontend/vite.config.js.
   b. Add your **Frontend** url with port at **vite.config.js.**
      i. Open **vite.config.js** in an editor.
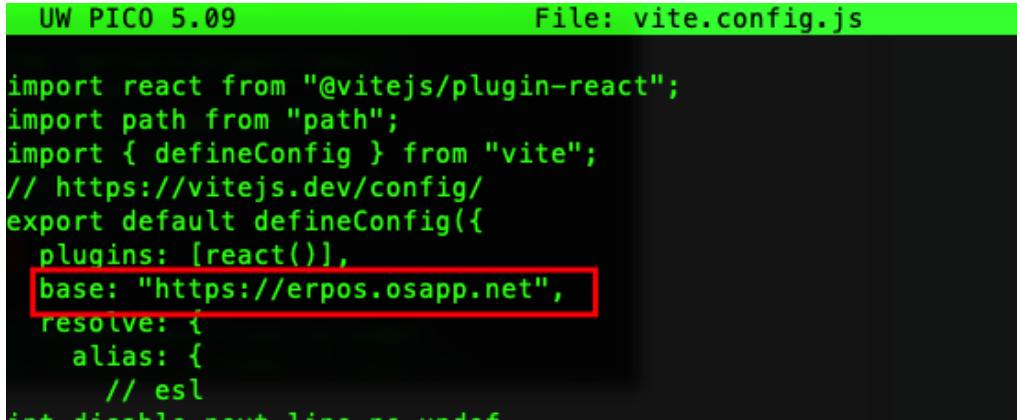
```
UW PICO 5.09                           File: vite.config.js

import react from "@vitejs/plugin-react";
import path from "path";
import { defineConfig } from "vite";
// https://vitejs.dev/config/
export default defineConfig({
  plugins: [react()],
  base: "/",
  resolve: {
    alias: {
      // eslint-disable-next-line no-undef
      "@": path.resolve(__dirname, "./src/"),
```

ii. Find **"base":"/"** and replace it with your frontend sub domain url that you have created earlier.

Example : "base":"https://erpos.osapp.net"
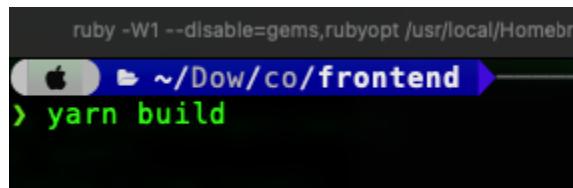
```
UW PICO 5.09                          File: vite.config.js

import react from "@vitejs/plugin-react";
import path from "path";
import { defineConfig } from "vite";
// https://vitejs.dev/config/
export default defineConfig({
  plugins: [react()],
  base: "https://erpos.osapp.net",
  resolve: {
    alias: {
      // esl
```

iii. Save the file.
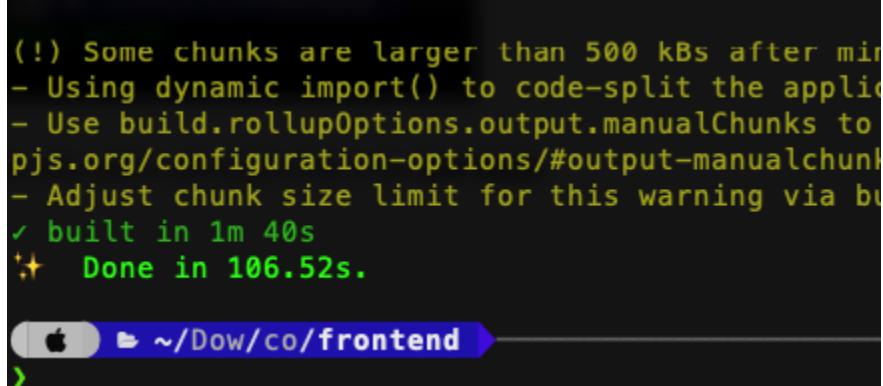
7. **Build file:**
   a. Open your **source-code/frontend** folder and open **terminal or command prompt**
   b. Type `**yarn build**` to build the frontend file with upper information.

```
ruby -W1 --disable=gems,rubyopt /usr/local/Homebr
       ~/Dow/co/frontend
> yarn build
```

   c. It will take some time and it will build a file in the **dist folder.**
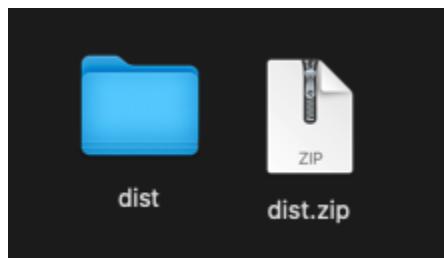
```
(!) Some chunks are larger than 500 kBs after mir
 - Using dynamic import() to code-split the applic
 - Use build.rollupOptions.output.manualChunks to
pjs.org/configuration-options/#output-manualchunk
 - Adjust chunk size limit for this warning via bu
✓ built in 1m 40s
✦  Done in 106.52s.

       ~/Dow/co/frontend
>
```
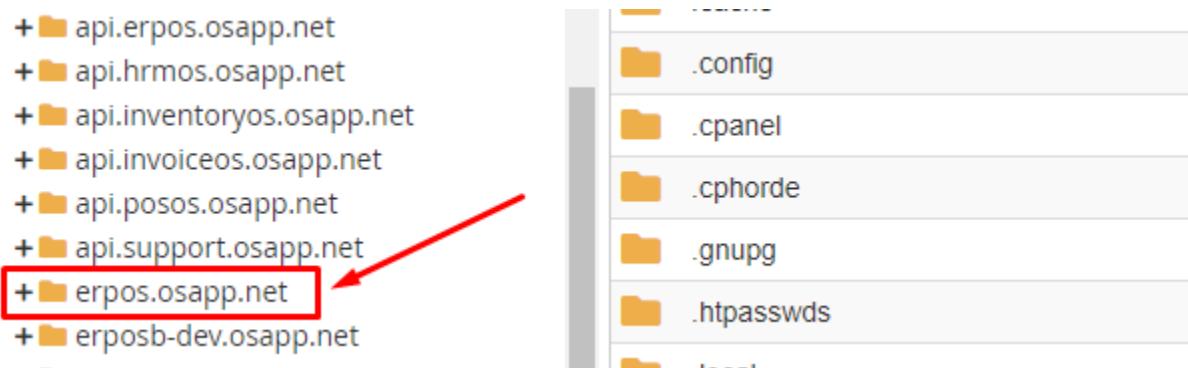
8. **Zip and Upload the file:**
   a. Zip the **dist folder** with any **Zip Compress App**.
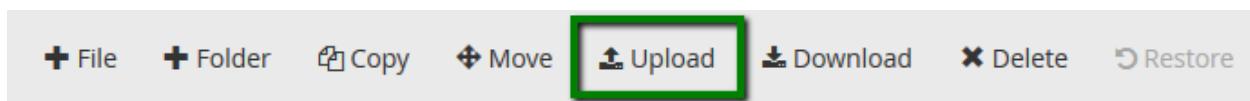
   b. Go to **File Manager** of your cpanel find your **domain or subdomain** folder.

   a. Click on the **Upload** button at the nav bar.

   b. Upload the **Zip File that** you have zipped in your local pc under **Dist Folder** .

Select the file you want to upload to "/home/osapp/erpos.osapp.net".

Maximum file size allowed for upload: ∞
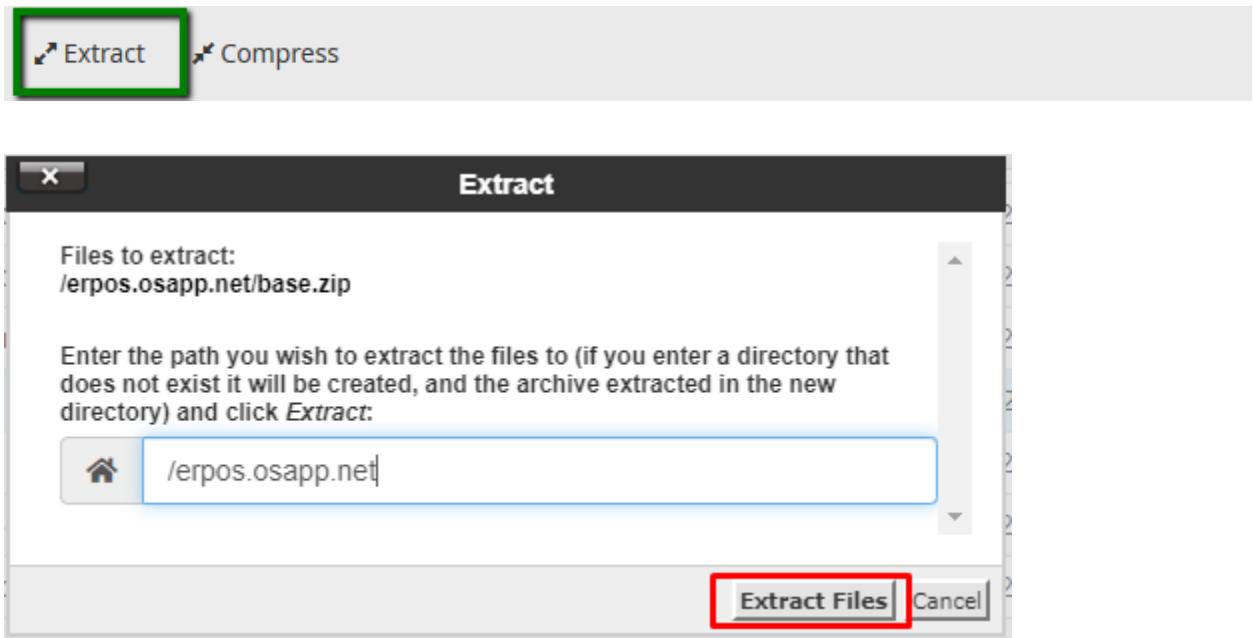
☐ Overwrite existing files

Drop files here to start uploading
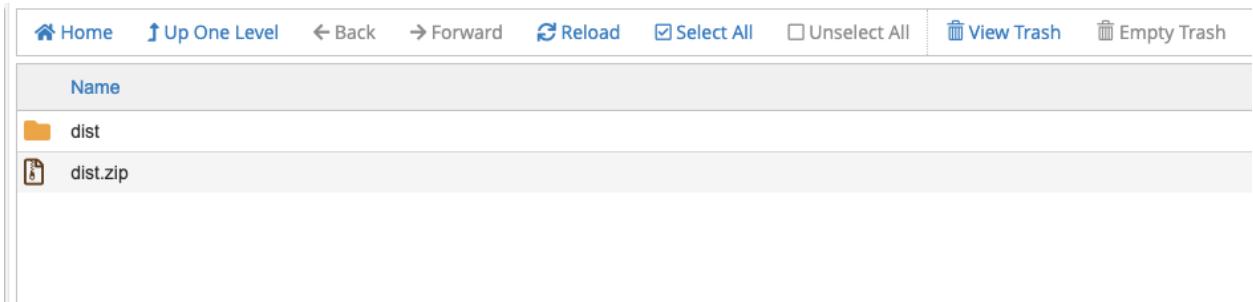
or

Select File

c. Now **Extract** the Uploaded **dist.zip** file:
- i. Select the dist.zip file
- ii. Hit Extract icon
- iii. Or right-click on the file and use Extract option
- iv. Define the path you wish to extract the file to
- v. Once done, hit Extract File(s)

d. Move newly created **dist folder's** all files to the root of subdomains folder, First Click on Select All and then click on Move.

Edit the path name: remove **dist keyword** and Click on Move Files

Enter the file path that you want to move this file to:

/erp.osapp.net/

Move Files   Cancel

Your files will now move to the root folder of the subdomain in our case its erp.osapp.net.

Now your frontend is also deployed in <mark>cpanel.</mark>

HOLA! You have installed the OS PRO Software on your computer/machine. Now have a cup of coffee and enjoy the creation of the **Omega Solution** team.

Thank you 😃

<mark>IMPORTANT NOTE:</mark>

- To run the application properly on your Local machine the minimum requirement is:
    - 64bit operating system
    - minimum 8 GB of RAM
    - Minimum 20 GB of free space on HDD/SSD
    - Minimum Processor Dual core or above or equivalence
- The Xampp server will be running in the background. Don't stop that.
- Do not close your frontend command prompt window.
- This software runs smoothly in any Windows, Linux-based OS and Mac OS which meets the minimum requirements stated above.

_____

Please email us if you need any help with using the application. We will assist you as soon as possible and in most cases within 1 day. Customer satisfaction is the most important thing that we care about.

CONTACT INFORMATION:
Website: Omega Solution
Email: support@omega.ac
Customer Support: https://support.omega.ac