Step 1: Install Node.js

1. Download Node.js:

* Visit the official Node.js website.
* Download the LTS version suitable for your operating system.

1. Install Node.js:

* Run the installer and follow the instructions.
* To verify the installation, open a terminal and run:

node -v

npm -v

Step 2: Install XAMPP

1. Run the Installer:

* Navigate to the folder where the XAMPP installer was downloaded.
* Double-click the installer file.

1. Start the Installation:

* You may see a warning about User Account Control (UAC). Click "OK" to proceed.
* Click "Next" on the setup wizard to begin the installation process.

1. Select Components:

* Choose the components you want to install. By default, all components are selected. If you're unsure, leave the default selections and click "Next".

1. Choose Installation Folder:

* Select the folder where you want to install XAMPP. Click "Next".

1. Begin Installation:

* Click "Next" to start the installation. The process may take a few minutes.

1. Finish Installation:

* Once the installation is complete, you can choose to start the XAMPP Control Panel immediately. Click "Finish" to exit the setup wizard.

Step 3: Start XAMPP

1. Open XAMPP Control Panel:

* If you didn't start the Control Panel during installation, you can open it from the Start Menu or from the installation directory (e.g., C:\xampp\xampp-control.exe).

1. Start Services:

* In the XAMPP Control Panel, you will see a list of services (Apache, MySQL, etc.).
* Click "Start" next to Apache and MySQL to start these services. Ensure they are running without errors.

1. Verify Installation:

* Open a web browser and go to http://localhost/. You should see the XAMPP dashboard, indicating that Apache is running.
* To access phpMyAdmin, go to http://localhost/phpmyadmin/. You can manage your MySQL databases here.

Step 4: Install Strapi

1. Install Strapi CLI:

* Open a terminal and run:

npm install -g create-strapi-app

1. Create a New Strapi Project:

* Run the following command to create a new Strapi project:

npx create-strapi-app strapi

During the setup process, choose "Custom" (manual settings) when prompted for the database, and then select "MySQL".

1. Configure Strapi to Use MySQL

* Provide Database Details:

Database name: The name of your MySQL database.(cms\_database)

Host: Usually localhost.

Port: The default MySQL port is 3306.

Username: Your MySQL username.(root)

Password: Your MySQL password.()

Enable SSL connection: Typically n for local development.

* Install Dependencies:

Strapi will install the necessary dependencies, including the MySQL connector.

Step 5: Start Strapi

1. Navigate to Your Strapi Project Directory:

cd strapi

1. Start the Strapi Server:

npm run develop

Step 6: Verify the Installation

1. Access the Strapi Admin Panel:

Open a browser and go to http://localhost:1337/admin.

1. Create an Admin User:

Follow the setup instructions to create an admin user.

Step 7: Install Angular

1. Install Angular CLI:

* Open a terminal and run:

npm install -g @angular/cli

1. Create a New Angular Project:

* Run the following command to create a new Angular project:

ng new angular-app

1. Navigate into the project directory:

cd angular-app

1. Start the Angular development server:

ng serve

Open a browser and go to http://localhost:4200/ to see the Angular application running.