## **Step 1: Install Node.js**

1. **Download Node.js**: Go to Node.js official website and download the **LTS** version (recommended for most users).
2. **Install Node.js**: Run the installer and follow the instructions. This will also install npm (Node Package Manager) by default.

## **Step 2: Install Expo CLI**

1. **Install Expo CLI globally**:
   * Open a terminal or command prompt.  
      npm install -g expo-cli
   * This installs Expo CLI globally so you can use the expo command.
2. **Verify Installation**:  
   expo --version
   * You should see the version number of Expo CLI.

## **Step 3: Initialize a New Expo Project**

1. **Create a New Project**:  
   expo init my-app
   * Replace my-app with your project name.
   * Choose a template (e.g., Blank or Blank with TypeScript) based on your preference.

**Navigate to Your Project**:  
cd my-app

## **Step 4: Install a Code Editor**

* Install [Visual Studio Code (VS Code)](https://code.visualstudio.com/), a popular editor for JavaScript/React Native development.
* Open your project folder in VS Code.

## **Step 5: Install Mobile Client Apps**

* **For Android**: Download the Expo Go app from the [Google Play Store](https://play.google.com/).
* **For iOS**: Download the Expo Go app from the [App Store](https://apps.apple.com/).

## **Step 6: Start the Development Server**

Start the server:  
expo start

1. This will:
   * Open a browser tab with the Expo development tools.
   * Display a QR code in the terminal.

## **Step 7: Run the App on Your Device**

1. Open the **Expo Go** app on your phone.
2. Scan the QR code displayed in your terminal or browser.
3. The app should load on your device.

## **Step 8: Install Dependencies (if needed)**

Add any dependencies you need using npm or yarn:  
npm install [package-name]

Or:  
yarn add [package-name]

## **Optional: Emulator Setup**

If you want to run the app on an emulator (Android Emulator or iOS Simulator):

### **For Android:**

1. **Install Android Studio**: Download from [here](https://developer.android.com/studio).
2. **Set Up an Emulator**:
   * Open Android Studio.
   * Go to AVD Manager and create a new virtual device.
3. **Start the Emulator**:
   * Launch the emulator and keep it running.
4. **Run on Emulator**:
   * From the Expo dev tools, click "Run on Android device/emulator."

### **For iOS:**

1. Requires macOS and Xcode.
2. **Install Xcode**: Download from the [Mac App Store](https://apps.apple.com/).
3. **Start the Simulator**:
   * Open Xcode, go to Xcode > Open Developer Tool > Simulator.
4. **Run on Simulator**:
   * From the Expo dev tools, click "Run on iOS simulator."