# Master Guide: From Chat to GitHub

This guide covers the entire process: creating the folder on your computer, saving the files I generated, and uploading everything to GitHub.

## Part 1: Create the Project Folder (The Skeleton)

Before saving the specific files I gave you, you need a "skeleton" project. This sets up the folders for React.

1. **Open your Terminal** (Command Prompt on Windows, Terminal on Mac).
2. Navigate to where you want the project (e.g., Desktop):  
   cd Desktop
3. **Run this command** to create the project skeleton:  
   npm create vite@latest rob-west-plumbing -- --template react  
     
   *(If it asks to install create-vite, type y and press Enter).*
4. **Enter the new folder:**  
   cd rob-west-plumbing
5. **Install the required tools:**  
   npm install firebase lucide-react tailwindcss postcss autoprefixer  
   npx tailwindcss init -p
6. **Open this folder in your Code Editor** (like VS Code).

## Part 2: Save the Files (Copy & Paste)

Now you need to take the code from our chat and save it into the files on your computer.

### 1. The Main App Code

* **In the chat:** Find the file block titled **Production Code:App\_Production.jsx**.
* **On your computer:** Go to the src folder and open App.jsx.
* **Action:** Delete everything currently in App.jsx and **paste** the code from the chat.
* **Save the file.**

### 2. The Git Ignore Rules

* **In the chat:** Find the file block titled **Git Ignore:.gitignore**.
* **On your computer:** Look for a file named .gitignore in the main folder (root).
* **Action:** Open it, delete the contents, and **paste** the code from the chat.
* **Save the file.**

### 3. The ReadMe

* **In the chat:** Find the file block titled **Repository ReadMe:README.md**.
* **On your computer:** Look for README.md in the main folder.
* **Action:** Open it, delete the contents, and **paste** the code from the chat.
* **Save the file.**

### 4. The Tailwind Configuration (Critical for styling)

* **On your computer:** Open tailwind.config.js.
* **Action:** Replace the content: [] line with this:  
  content: [  
   "./index.html",  
   "./src/\*\*/\*.{js,ts,jsx,tsx}",  
  ],
* **On your computer:** Open src/index.css.
* **Action:** Delete everything and paste these three lines:  
  @tailwind base;  
  @tailwind components;  
  @tailwind utilities;

## Part 3: Secure Your Keys (The .env File)

**Do not skip this.** This keeps your API keys safe so hackers don't steal them from GitHub.

1. **On your computer:** In the main folder (same place as package.json), right-click and select **"New File"**.
2. **Name it:** .env (starts with a dot).
3. **Paste this content** inside .env:  
   VITE\_FIREBASE\_API\_KEY=paste\_your\_real\_api\_key\_here  
   VITE\_FIREBASE\_AUTH\_DOMAIN=your-project.firebaseapp.com  
   VITE\_FIREBASE\_PROJECT\_ID=your-project-id  
   VITE\_FIREBASE\_STORAGE\_BUCKET=your-project.appspot.com  
   VITE\_FIREBASE\_MESSAGING\_SENDER\_ID=123456789  
   VITE\_FIREBASE\_APP\_ID=1:123456789:web:abcde  
   VITE\_GEMINI\_API\_KEY=paste\_your\_gemini\_key\_here
4. **Edit the values:** Replace the placeholders (like paste\_your\_real\_api\_key\_here) with your actual keys from Firebase and Google AI Studio.
5. **Save the file.**

## Part 4: Upload to GitHub

Now that your files are saved locally, we push them to the cloud.

1. **Go to** [**GitHub.com**](https://github.com/new) and create a new repository.
   * **Repository name:** rob-west-plumbing
   * **Description:** (Optional) Rob West Plumbing Website
   * **Public/Private:** Choose Private if you want to keep it hidden, Public if you want to show it off (since keys are hidden in .env, Public is safe).
   * **Important:** Do **NOT** check "Add a README", ".gitignore", or "License". We already made these.
   * Click **Create repository**.
2. Back in your Terminal (inside the rob-west-plumbing folder):  
   Run these commands one by one:  
   git init  
   git add .  
   git commit -m "First upload of Rob West Plumbing site"  
   git branch -M main
3. **Connect to GitHub:**
   * On the GitHub page you just created, look for the section **"…or push an existing repository from the command line"**.
   * Copy the command that starts with git remote add origin...
   * Paste it into your terminal and press Enter.
4. **Final Push:**  
   git push -u origin main

**You are done!** Refresh your GitHub page, and you will see your code there.