



Zodiac Cipher: Vibe Coding Guide

Congratulations! You've found the source code.

This guide is designed for **non-developers**. You don't need to know how to write code to improve this app. You just need to know how to talk to an AI. This process is called "**Vibe Coding**".

Follow these three steps to bring your own ideas to life.

1. Get the Code on GitHub

To make changes and run the app, you need to host the files on GitHub.

1. **Unzip the file:** Extract the .zip file you just downloaded. You should see a folder containing files like package.json, src, public, etc.
 2. **Create an Account:** Go to github.com and sign up for a free account.
 3. **Create a Repository:**
 - Click the + icon in the top-right corner and select **New repository**.
 - Name it zodiac-puzzle (or whatever you like).
 - Make sure **Public** is selected.
 - Click **Create repository**.
 - 4.
 5. **Upload Files:**
 - On the next screen, look for the link that says **uploading an existing file**.
 - Drag and drop **all the files and folders** from your unzipped folder into the browser window.
 - Wait for them to upload, then click the green **Commit changes** button at the bottom.
 - 6.
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2. Launch your Workspace (Codespaces)

You don't need to install anything on your computer. We will use a cloud computer called a "Codespace".

1. Go to your new GitHub repository page.
2. Click the green **Code** button.
3. Switch to the **Codespaces** tab.
4. Click **Create codespace on main**.

5. A new browser tab will open with a code editor (VS Code). It might take a minute to set up.
 6. **Start the App:**
 - Look for the **Terminal** (a text box at the bottom of the screen).
 - Type `npm install` and press **Enter**. (This downloads the necessary tools).
 - Once that finishes, type `npm run dev` and press **Enter**.
 - 7.
 8. **View the App:** You will see a popup saying "Application running on port 5173". Click **Open in Browser**.
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3. Instruct the AI (Google AI Studio)

Now comes the magic. We will use Google's AI (Gemini) because it has a huge "context window" (it can read many files at once).

1. **Set up AI Studio:**
 - Go to aistudio.google.com and log in with your Google account.
 - Click **Create new -> Chat prompt**.
 - On the right side, select the Model: **Gemini 1.5 Pro** (this model is best for coding).
- 2.
3. **Feed the AI the Context:**
 - You need to give the AI the current code so it knows what to modify.
 - From your unzipped folder on your computer, drag and drop the following key files into the "System Instructions" or the chat box in AI Studio:
 - `src/App.tsx` (The main brain)
 - `src/style.css` (The look and feel)
 - `src/types.ts` (The data structures)
 - `src/components/Board.tsx`
 - `src/components/LeftSidebar.tsx`
 - `src/components/RightSidebar.tsx`
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 - *Tip: You can upload more files later if you need to change specific parts.*
- 4.
5. **Start Vibe Coding:**
 - In the text box, type a prompt like this:
"I have uploaded the source code for a React application. I want you to act as an expert React developer. I will ask for changes, and you will provide the full updated code for the specific file I need to change."
 - **Make a wish:** Now, ask for what you want. For example:
"I want to change the background color of the board to dark blue."
or
"Add a button in the Left Sidebar that clears all text."
- 6.
7. **Apply Changes:**

- The AI will give you a block of code.
- Go back to your **Codespaces** tab.
- Find the correct file in the file explorer on the left (e.g., src/style.css).
- Delete the old code and paste in the new code from the AI.
- The "Open in Browser" tab will update automatically!

8.

Happy Coding! 🧑💻