About

For this project, we'll be creating a task scheduler for my daily activities. Previously, I had a daily planner book, which can be a pain to take with you everywhere. This project, however, is free and will be created using PartyRock, AWS' new generative AI platform.

There are 4 major steps in this project that we'll be going through.

1. Generating the daily task scheduler application.
2. Make changes in existing widgets.
3. Adding new widgets.
4. Publishing our app.

Services Used/Time & Cost

The only service we'll be using here is AWS PartyRock, used to create applications with AI. It's very accessible, since you can create these apps without any knowledge of, or experience with coding.
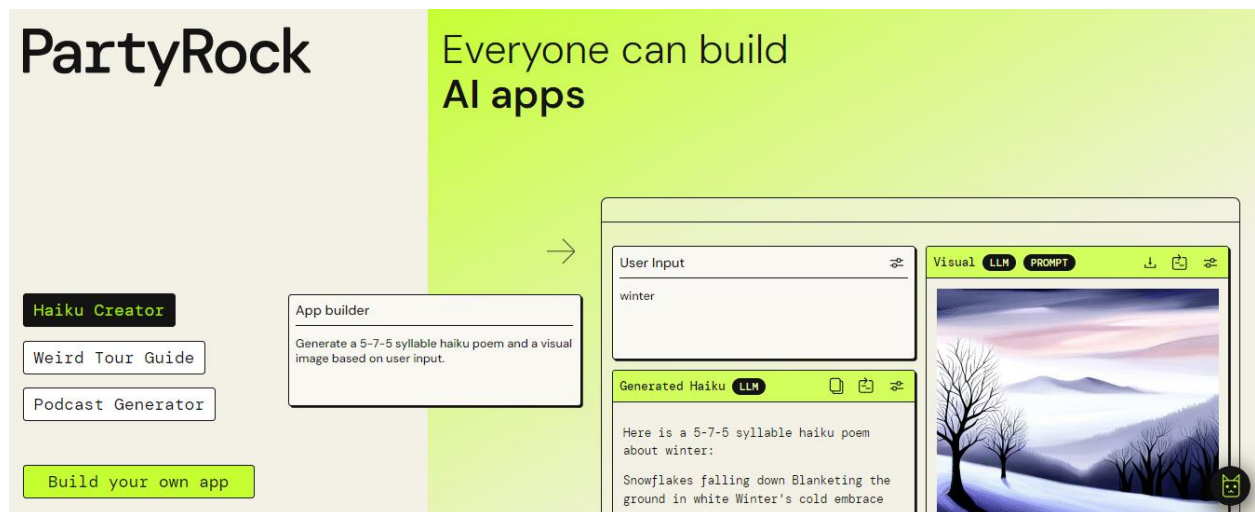
At the time of this writing (March 2024), AWS PartyRock offers a free new user trial, which gives us more than enough time to complete our application.

We'll start by going to the AWS PartyRock site, which looks like this:
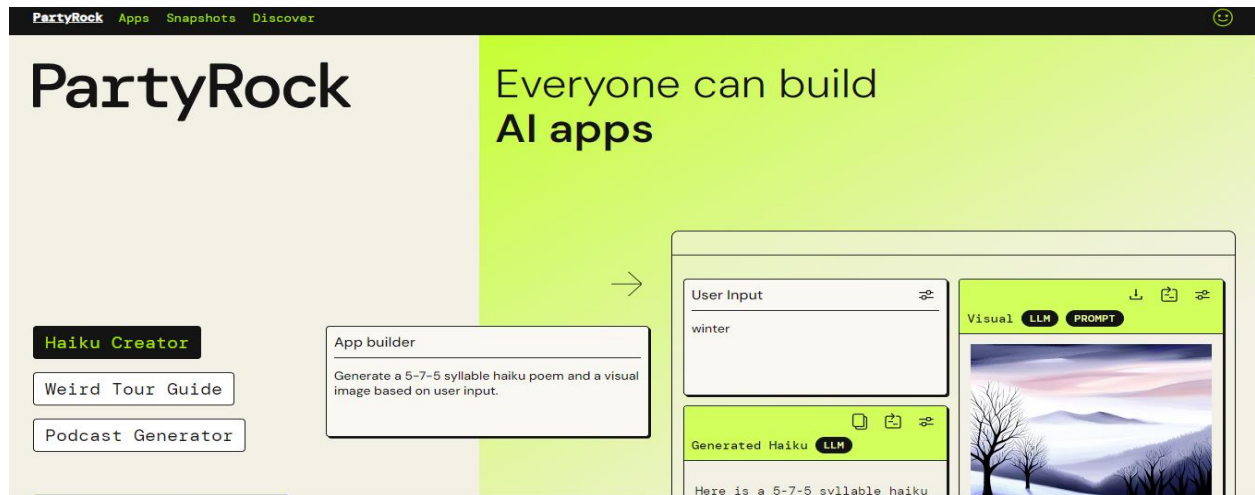
Our finished project will look like this:

To get started, click "Build your own app"

From here, describe what you want the app to do and click Generate app.

App builder   ✕

Describe what you would like your app to do

                                              [Generate app]

                                              Start from an empty app

STEP 1

This works similarly to other AI generated prompt services, this one creates applications based on the prompt, instead of images or text-based answers.

Since I need a daily task scheduler, I'll input that below and click Generate app

App builder   ✕

Generate a daily task scheduler

                                              [Generate app]

                                              Start from an empty app

Now, PartyRock will ask for additional input from our end, which will be used to create our scheduler.

In the picture above, the Prioritized tasks and Task schedule sections are blank. After filling them out, my responses are taken, and this comes up:

In addition to generating content based on your prompt, it also provides a chatbot that allows you to refine and clarify your prompt.

Task Assistant **LLM**

Absolutely, I'm here to help you stay focused and complete your tasks efficiently today. Let's go over the schedule and I'll provide guidance and motivation along the way. Feel free to ask me any questions or request adjustments as needed.

→ Ask me anything about managing your tasks and sticking to the schedule!
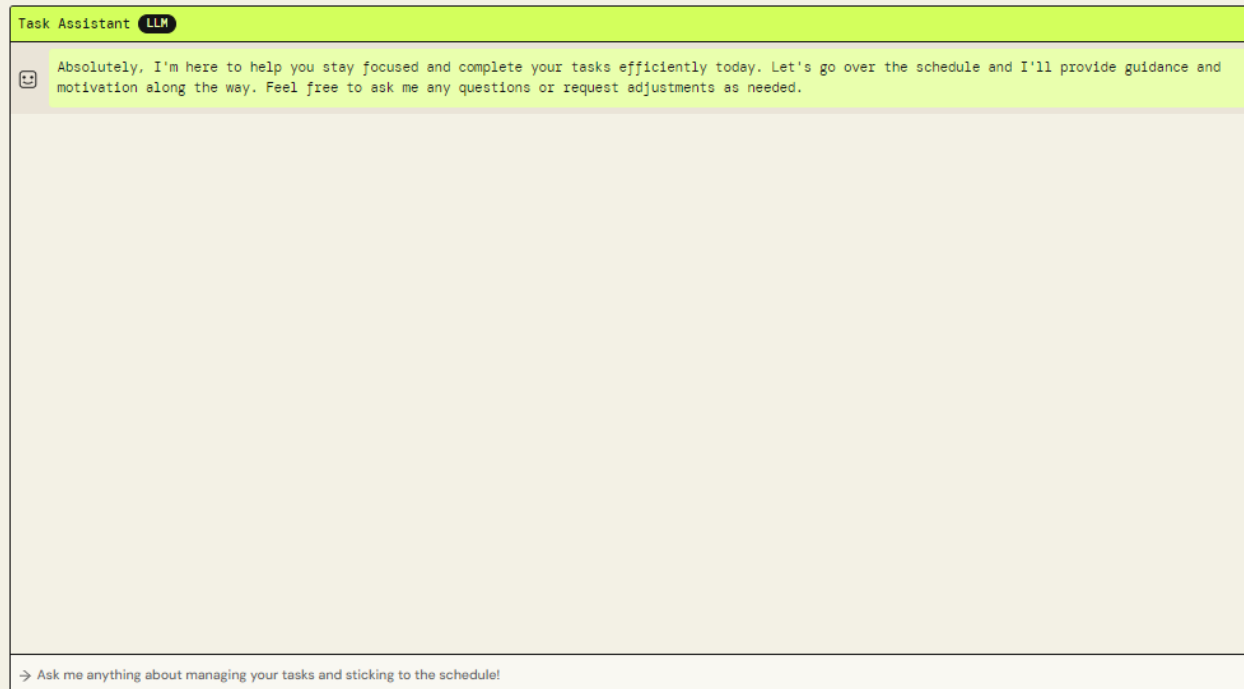
STEP 2

We can now modify the widgets by grabbing the bottom right of the box to enlarge or shorten them for easier viewing. The top right of the box allows you to edit the widget, with options such as title or different AI models, which change the output generated.

Task List

30 minutes of exercise
Study for AWS certification
Work on AWS project
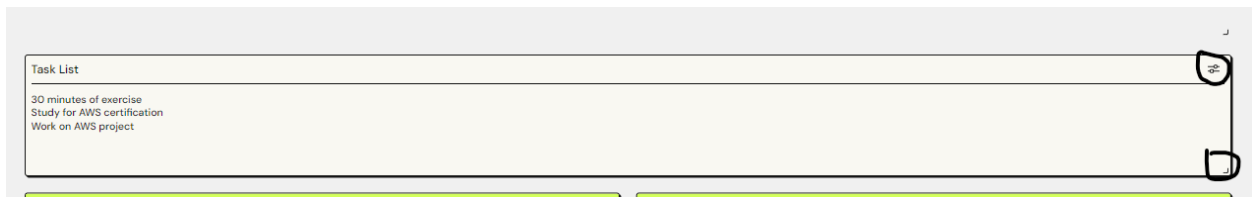
Edit Prioritized Tasks 〉

Widget title

Prioritized Tasks

Model ⓘ

Claude 3 Sonnet ▲

Claude 2.0	▊▊▊
Claude 3 Haiku	▊▢▢
Claude 3 Sonnet	▊▊▢
Claude Instant	▊▢▢
Titan Text Lite	▊▢▢
Titan Text Express	▊▢▢

▸ Advanced settings ⓘ

[Delete widget] [Cancel] [Save]

STEP 3

Another option we have is adding widgets; let's add a time widget that calculates the time required for each task. We accomplish this by clicking "Add Widget" at the top of the screen.
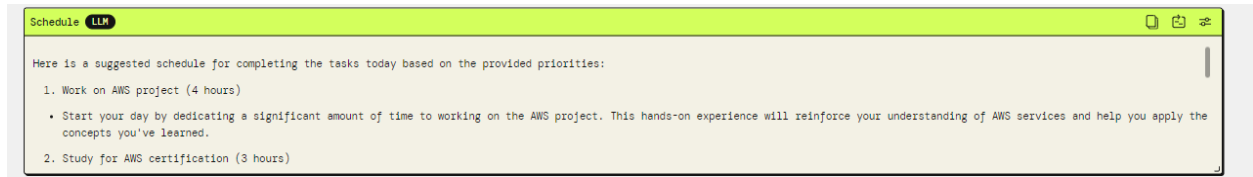
This allows us to give the widget a title, use an AI model and the prompt, using the information we already have in our widgets.

Click save, and this results in:

Here is a suggested schedule for completing the tasks today based on the provided priorities:

1. Work on AWS project (4 hours)

   - Start your day by dedicating a significant amount of time to working on the AWS project. This hands-on experience will reinforce your understanding of AWS services and help you apply the concepts you've learned.

2. Study for AWS certification (3 hours)

Now that we have our daily tasks and a game plan to complete them, lets add some motivational content.

Edit widget6 ⟩

Widget title
Motivational Picture

Model
Stable Diffusion XL ▼

Style preset
No style preference ▼

Image description ⓘ

Press `@` to reference another widget.

Create picturesque vacation images in sunny locales. Make a new image every day.

▶ Advanced settings ⓘ

Delete widget   Cancel   **Save**

Edit Motivational Words 〉

Widget title

Motivational Words

Model (i)

Claude 2.0 ▼

Prompt (i)

Press @ to reference another widget.

Write a daily motivational quote t
o go along with

Motivational Picture

▶ Advanced settings (i)

Delete widget   Cancel   Save

The result:

Motivational Picture [LLM] [PROMPT]

Motivational Words [LLM]

Here's a haiku based on the given content:

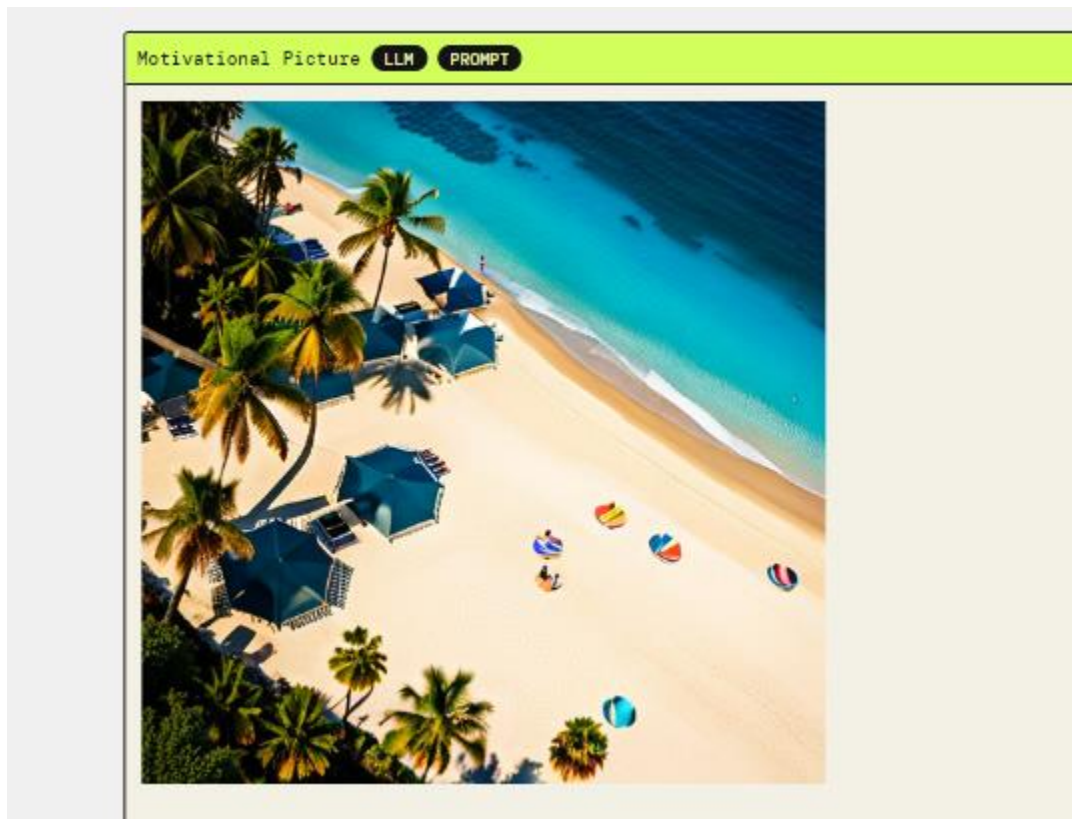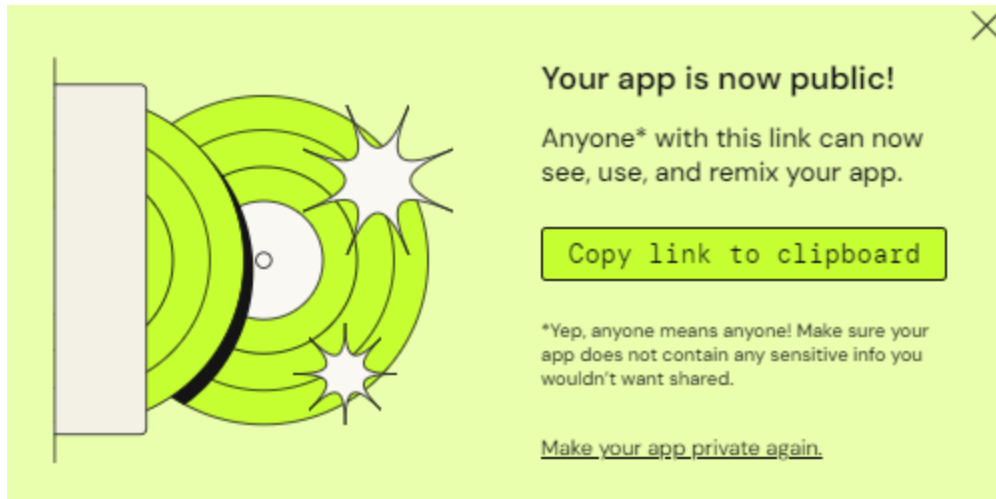Sweat beads on my brow, AWS clouds beckon me forth, Certify, project.

The picture isn't exactly what I asked for, so I'll change my parameters a bit.

Much Better!

STEP 4

Now that we're finished, we can make our app public for others to view and "remix" to suit their own interests.

Your app is now public!

Anyone* with this link can now see, use, and remix your app.

Copy link to clipboard

*Yep, anyone means anyone! Make sure your app does not contain any sensitive info you wouldn't want shared.

Make your app private again.

Takeaways

One major factor that influences your usage of the PartyRock app is your initial prompt. Using a very detailed and specific prompt allows you to create my app, with all the added widgets, in the very beginning!