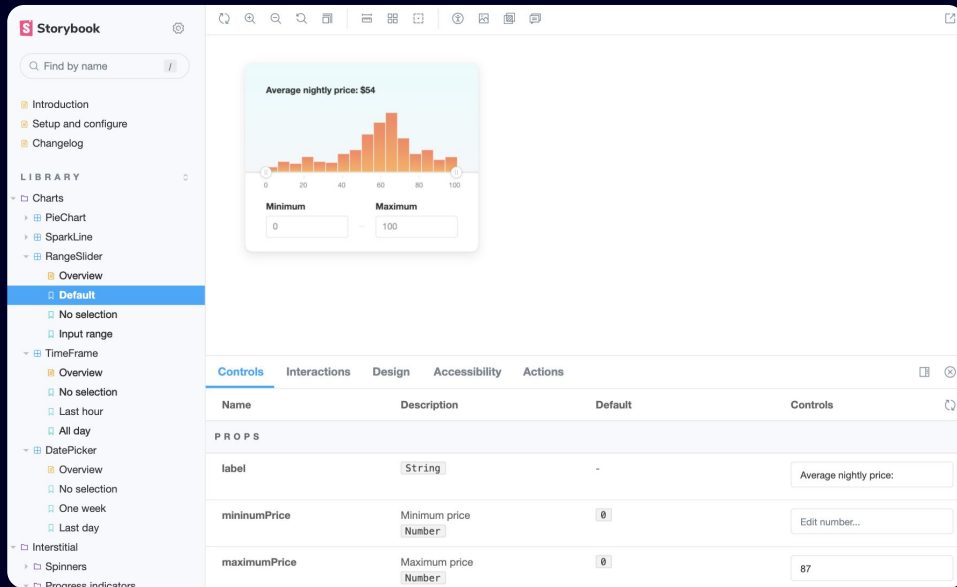


The background is a dark navy blue with abstract, wavy, layered shapes in various shades of blue (from light blue to deep navy) on the left and right sides, creating a sense of depth and movement.

When Storybook met AI

What is Storybook

Storybook is a frontend workshop for building UI components and pages in isolation. Thousands of teams use it for UI development, testing, and documentation. It's open source and free.



Showcases/examples

<https://main--61a90feace7802003a4d9c45.chromatic.com/?path=/story/components-buttongroup--playground&args=size:large;disabled:true>

<https://react.carbondesignsystem.com/?path=/docs/getting-started-welcome--welcome>

<https://govuk-react.github.io/govuk-react/?path=/docs/example-application--docs>

<https://react95.github.io/React95/?path=/story/checkbox--disabled>

<https://storybook.js.org/showcase/projects>

Benefits



Develop UIs in isolation

> Isolate components and pages and track their use cases as stories. Verify hard-to-reach edge cases of UI.



Document UI for your team to reuse

> Stories index all your components and their various states, making it easy for your team to find and reuse existing UI patterns.



Jump right into a specific state

> There is no longer a need to spin up the app, navigate to a page, and contort the UI into the right state. This is a huge waste of time and bogs down frontend development.



Test UIs with less effort

> Use stories to spot-test the UI during development. Storybook offers built-in workflows for automated Accessibility, Interaction, and Visual testing.

Storybook paired with AI



StorybookGPT

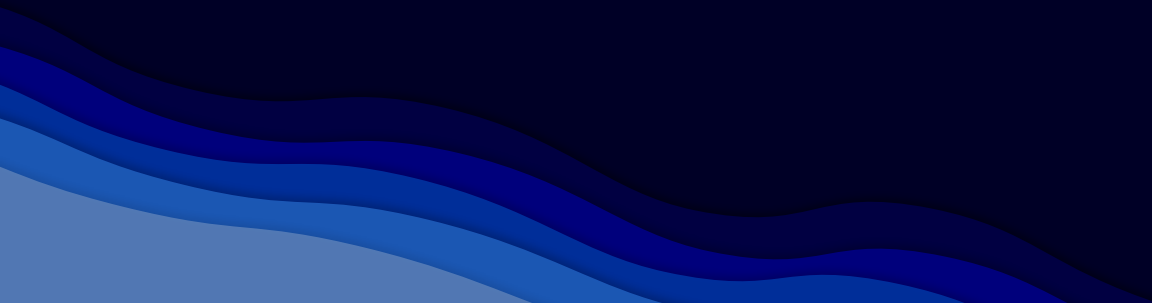
Create a custom GPT with predefined instruction giving the model the context it needs to generate the stories. Then you can just dumb the component code into the command prompt and generate the story with the predefined instruction/template



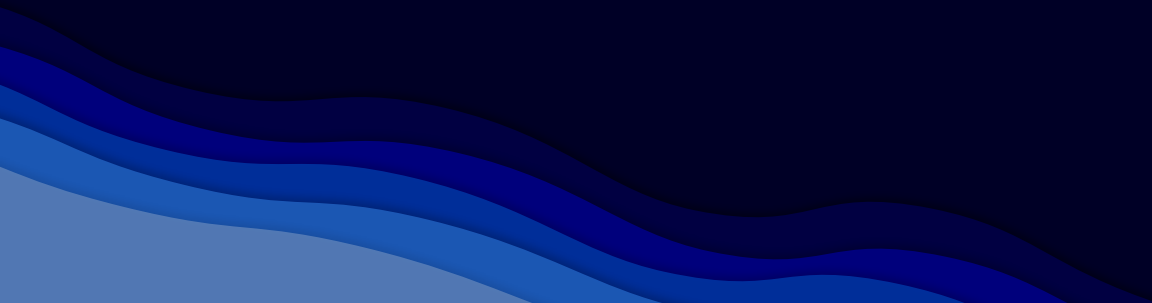
Storybook genie

A CLI tool where you can select a component from the prompt and outputs a generated story file directly into your stories directory

Setup project

- Create vite app with react/ts template
(`npm create vite@latest my-vue-app -- --template react-ts`)
 - Setup storybook
(`npx storybook@latest init`)
 - Install MUI dependencies & integrate mui with storybook
- 

Setup Storybook genie

- Install storybook genie dependency (npm install storybook-genie)
 - Sign up to Open AI website
 - Go to API keys and create a token
 - Put api token to .env file
 - Modify storybook config to match the output name convention of the created stories
 - Run 'npx storybook-genie' in terminal
- 

References

Storybook documentation:

<https://storybook.js.org/>

StorybookGPT:

<https://medium.com/storybookjs/build-your-own-storybookgpt-3b5fc28be944>

Storybook Genie:

<https://github.com/eduardconstantin/storybook-genie>

Demo project repo:

<https://github.com/z-argyropoulos/storybook-ai-presentation>