

PureCode.ai

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Landing Page Thoughts

`<head>` element

- [`<link rel="preload" as="image" href="/img/project_table_section_dark.png">`](#)
 - Suggest converting image to modern `.webp` format to align with other images on landing page and improve SEO score (included image conversion. see `images` directory; 20% size reduction vs `.png`, lossless conversion)

The screenshot shows a dark-themed application interface. At the top, there's a header with the word 'Projects'. Below it is a table with columns: Name, Duration, Size, Owner, Created, and Last Viewed. The table lists several projects:

Name	Duration	Size	Owner	Created	Last Viewed
Touch up audio edits with Regenerate (Jack's Demo)	01:03+3	54.2 MB	J James	11/15/2023	11/16/2023
Add stock media (Jack's Demo)	—	—	R Robert	01/13/2024	01/14/2024
Improve audio quality with studio Sound (Jacks Demo)	—	—	M Michael	—	—
Remove filler words (Jack's Demo)	—	—	W William	1/20/2023	11/21/2023
Transcribe audio to text automatically (Jack's Demo)	00:02	703.1 MB	D David	10/15/2023	10/17/2023

A tooltip for the 'Robert' row says: "Make the text larger or change the colors of this element." An 'Update' button is visible in the bottom right corner of the tooltip.

Below the table, there's a section titled 'Pick & Edit' with a cursor icon pointing to a 'Select and edit any section within the component effortlessly' text.

- <meta name="description" content="A simple and powerful frontend AI copilot for the web.">
 - Currently when I google "frontend ui component ai generator copilot" - the friendliest keywords I could mash together - [purecode.ai](#) shows up as the 28th link

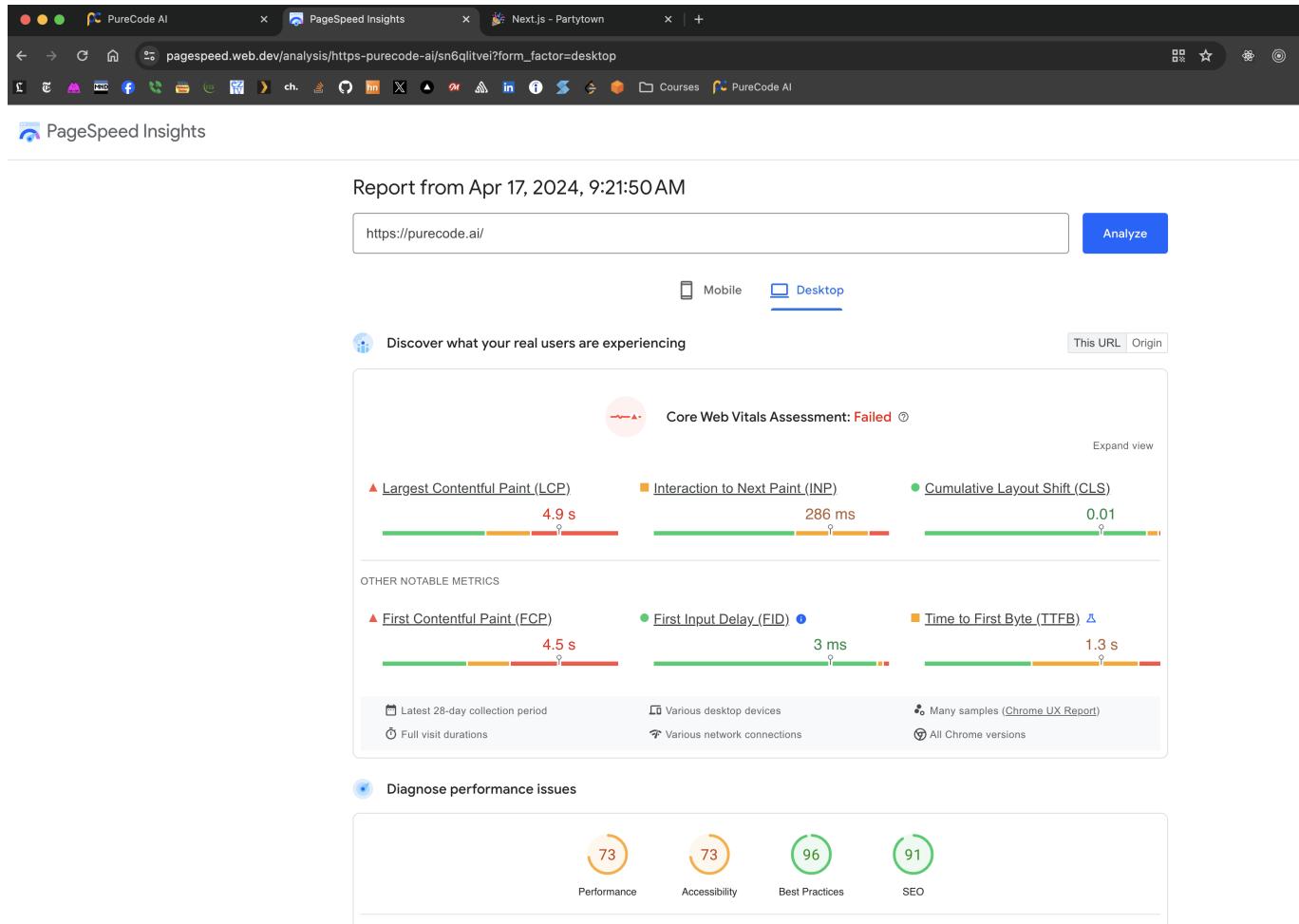
The screenshot shows a Google search results page for the query "frontend ui component ai generator copilot". The first result is from "Scalable Path" and the second is from "My Week With GitHub Copilot: AI Pair Programming Review". The third result is from "PureCode AI". A pink arrow points to the PureCode AI result, which is labeled "28th link".

- Suggest optimizing metadescription tag to include more keywords to move up SEO (e.g. *A simple and powerful frontend UI component generator for the web powered by AI copilot.*)
- Related: Suggest including meta_keywords tag to include additional keywords. (e.g. <meta name="keywords" content="UI, component generator, AI copilot, frontend copilot">)
- Suggest running site through [SEO optimizer](#)

The screenshot shows the SEOptimer SEO Audit tool interface. At the top, there's a header with the SEOptimer logo, a 'Website URL' input field containing 'seoptimer.com/purecode.ai#recommendation', a 'Quick Audit' button, and navigation links for 'Features', 'Pricing', 'Resources', and 'Login'. A 'Premium - Free Trial' button is also visible. Below the header is a large blue bar with the SEOptimer logo. The main content area is titled 'Recommendations' and contains a list of 10 items, each with a category (Links, On-Page SEO, Social, Other, Performance, Usability) and a priority level (High Priority, Medium Priority, Low Priority).

Recommendation	Category	Priority
Execute a Link Building Strategy	Links	High Priority
Optimize for Core Web Vitals	Usability	Medium Priority
Lengthen meta description (to between 70 and 160 characters)	On-Page SEO	Medium Priority
Add Canonical Tag	On-Page SEO	Medium Priority
Remove Duplicate H1 Tags	On-Page SEO	Medium Priority
Create and link your Facebook Page	Social	Low Priority
Create and link your X profile	Social	Low Priority
Use your main keywords across the important HTML tags	On-Page SEO	Low Priority
Make use of HTTP/2+ protocol	Performance	Low Priority

- <script id="hotjar-init-script" crossorigin="anonymous">
(function(h,o,t,j,a,r){h.hj=h.hj||function(){(h.hj.q=h.hj.q||[]).push(arguments)};h._hjSettings={
hjid:3719365,hjsv:6,hjdebug:false};a=o.getElementsByTagName('head')[0];r=o.createElement('script');r.async=1;r.src=t+h._hjSettings.hjid+j+h._hjSettings.hjsv;a.appendChild(r);})(window,document,'https://static.hotjar.com/c/hotjar-', '.js?sv=');</script>
 - Suggest offloading 3rd party analytics scripts off the main thread and on to service workers to increase [PageSpeed Score](#) (e.g. Hotjar) by implementing [Partytown package](#)



- Run site through a [semantic HTML inspector](#) (might be a lot of noise and not worth the effort - just including it to be thorough)

<body> element

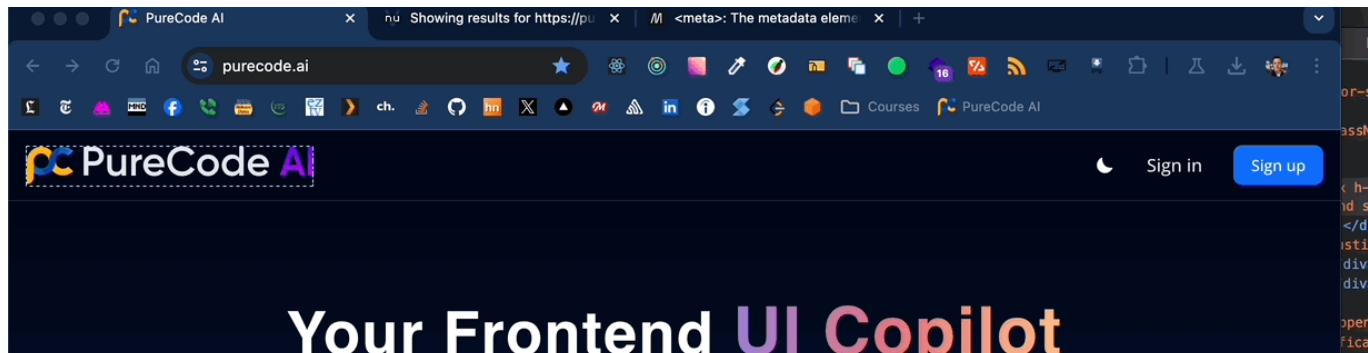
Unauthenticated User

Desktop (1440px viewport - MacBook Air MX) - top to bottom page analysis

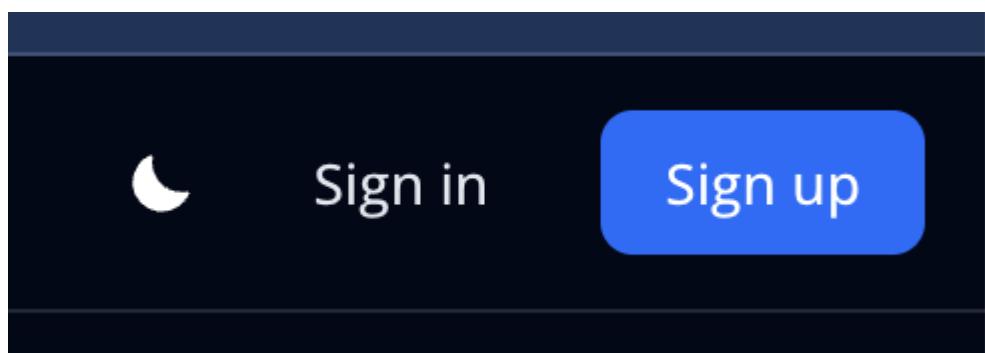
<header> element



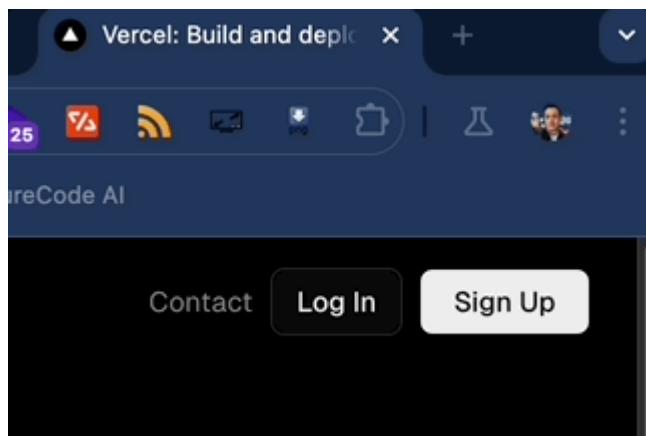
- NitPicky: [Sign In](#) button is slow to render wrt to [Sign Up](#) button. I've only used Clerk once in a side-project, but I don't recall this being an inherent issue with the library.



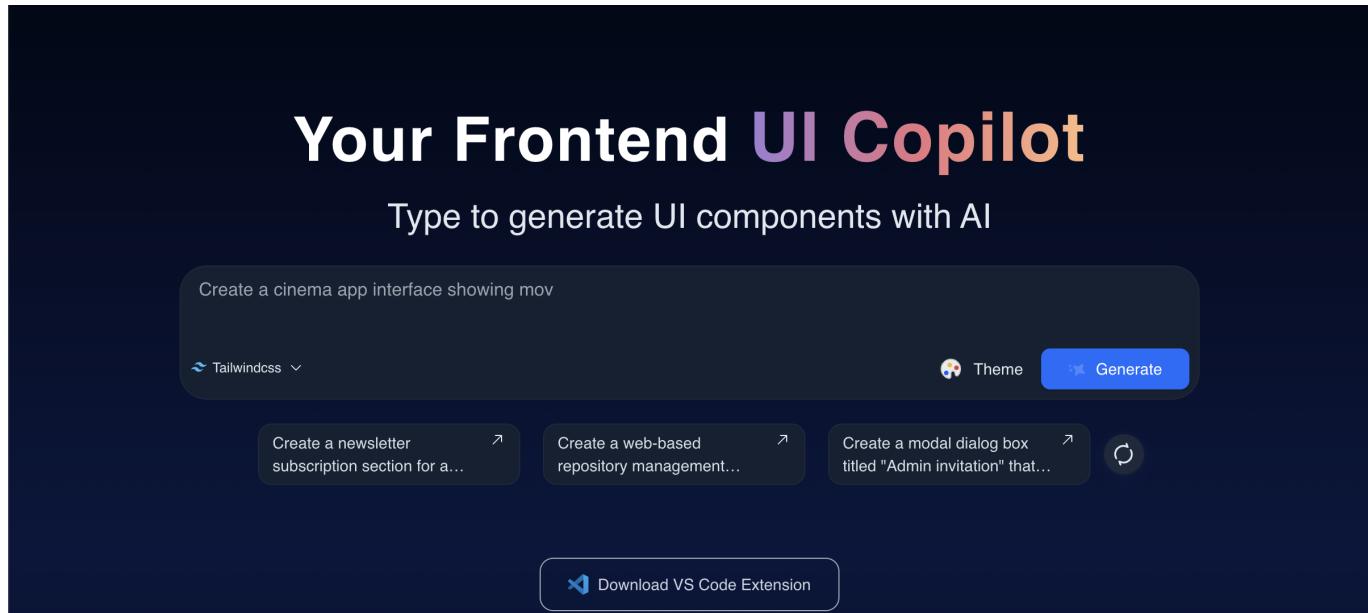
- NitPicky: **Sign In** font-size is noticeably larger (1rem vs 0.875rem) than **Sign Up** font - minor point but I can't seem to justify the inconsistency as a prudent style choice (most likely overlooked - again ... nit-picky)
 - I fixed the inconsistency below by changing **Sign In** font-size to 0.875rem



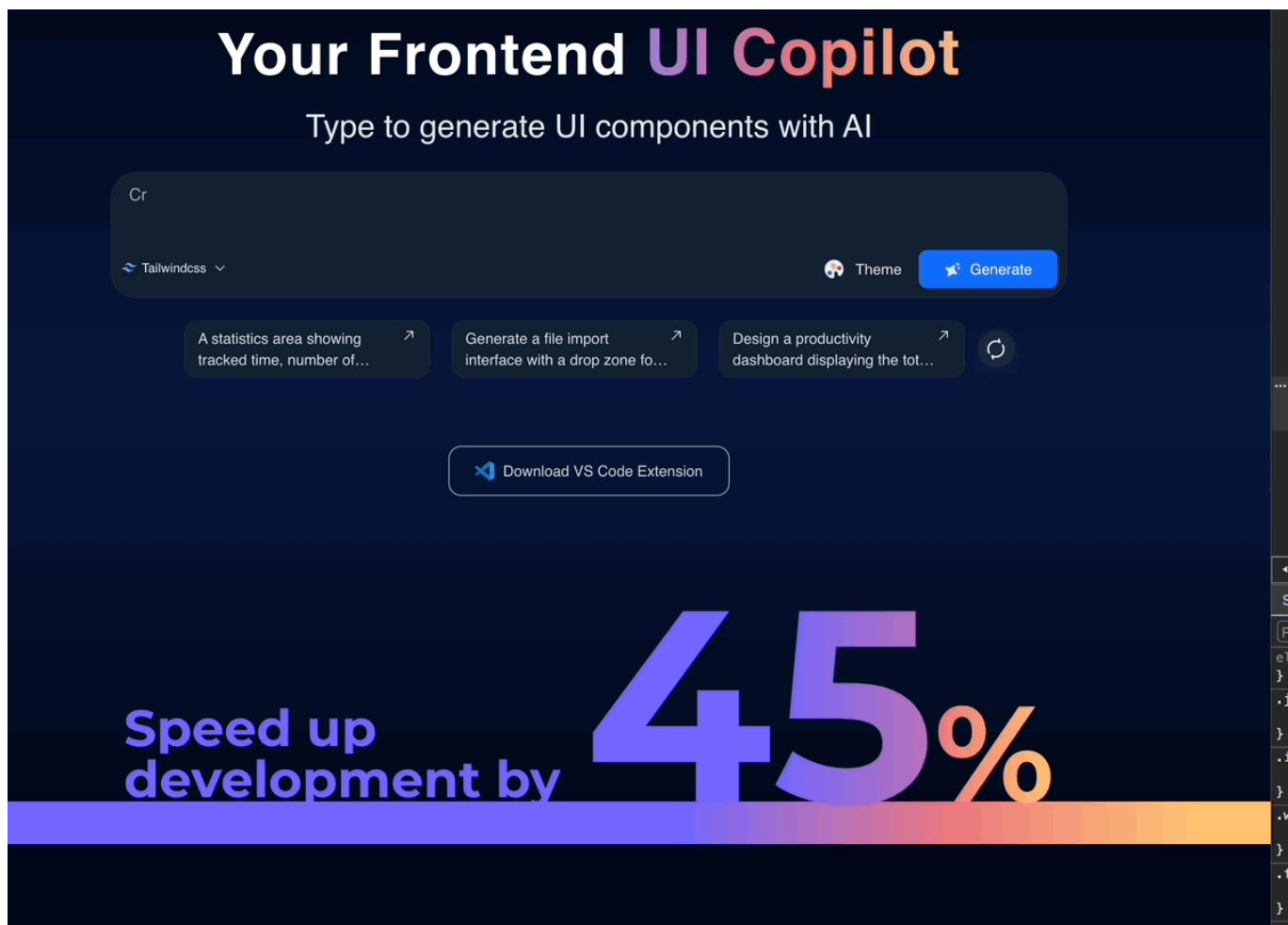
- NitPicky and EasyFix: The **Sign In** and **Sign Up** buttons would benefit from hover styles to enhance UX (see [vercel.com](#) gif below)



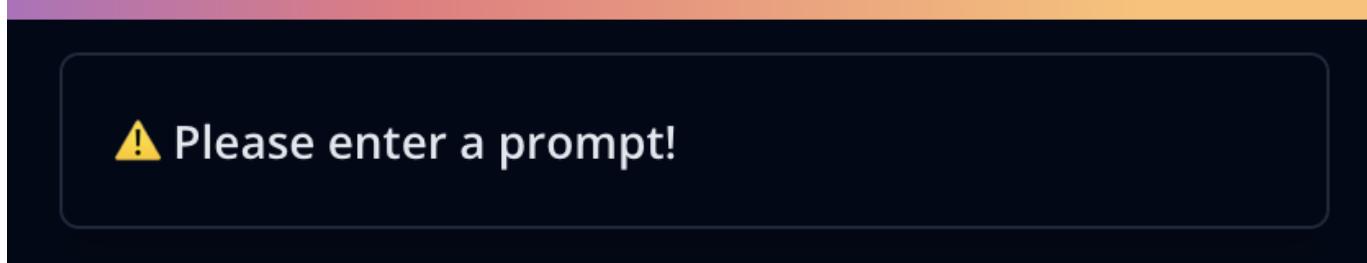
Call-To-Action



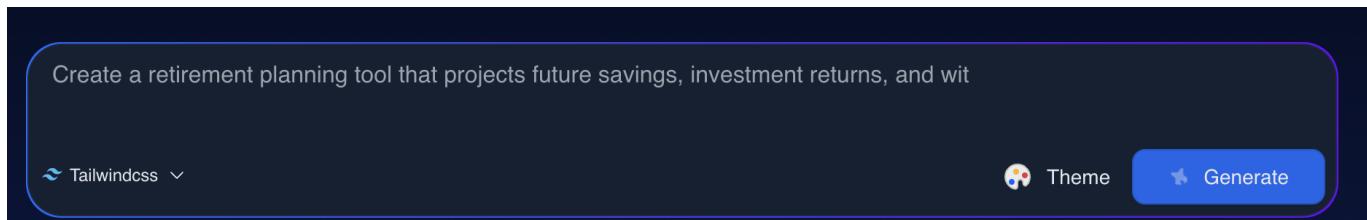
- StylisticBias 🎨 : If the user clicks **Generate** button without providing a prompt a feedback toast is presented to the user. Great! The toast is, however, some times difficult to notice because its background-color and the background-color of page is the same (toast border styling is the sole source of contrast here). There are multiple valid approaches to improve the UI here. One possible solution would be to add an emoji to the toast text in order to make it pop more and draw the user's eye towards it.



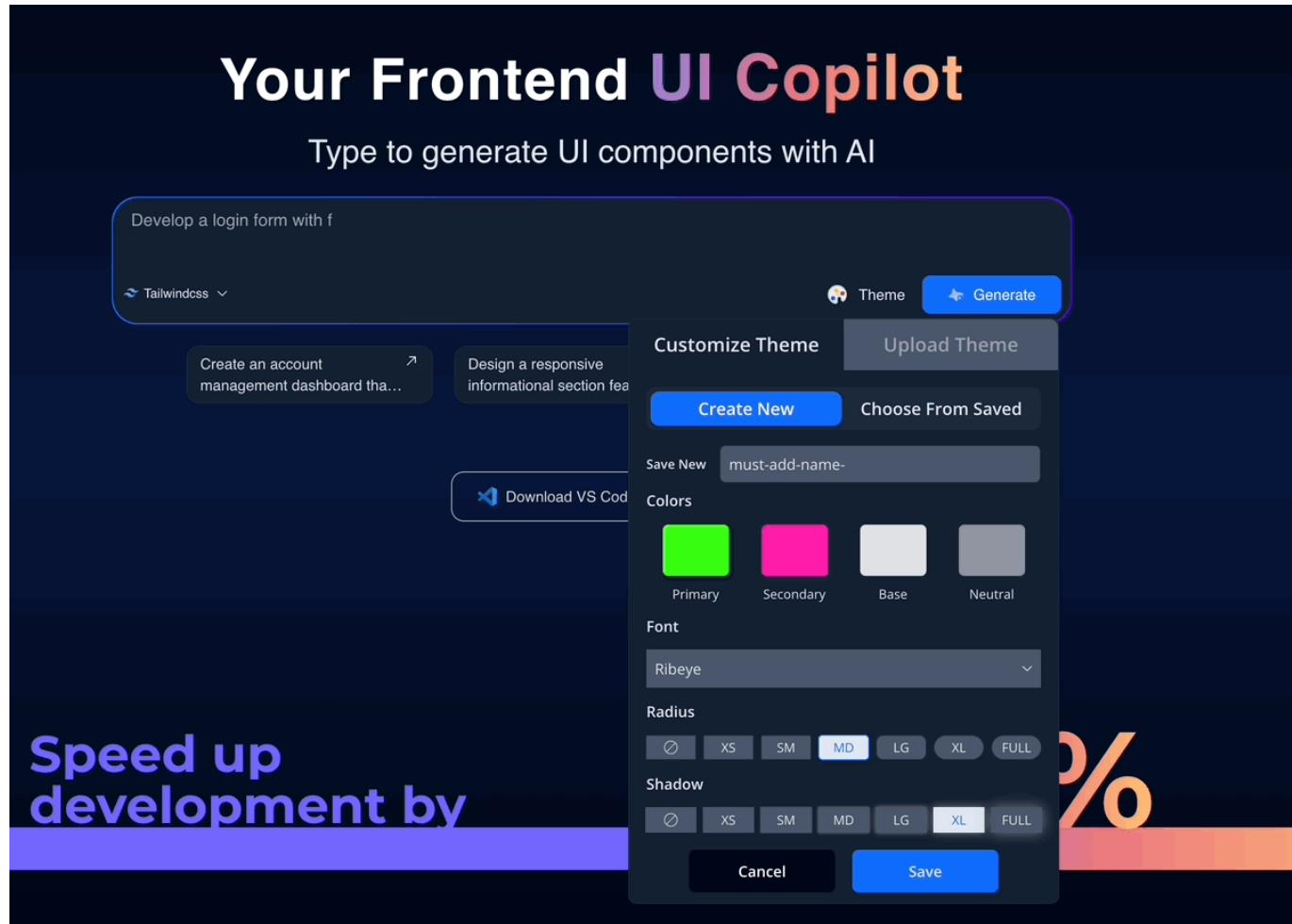
- Example of adding toast icon to enhance UX



- UX-Kudos : I like the *prompt field focus styling* that is applied when the user clicks on the **Generate** button without providing a prompt. Nice touch!

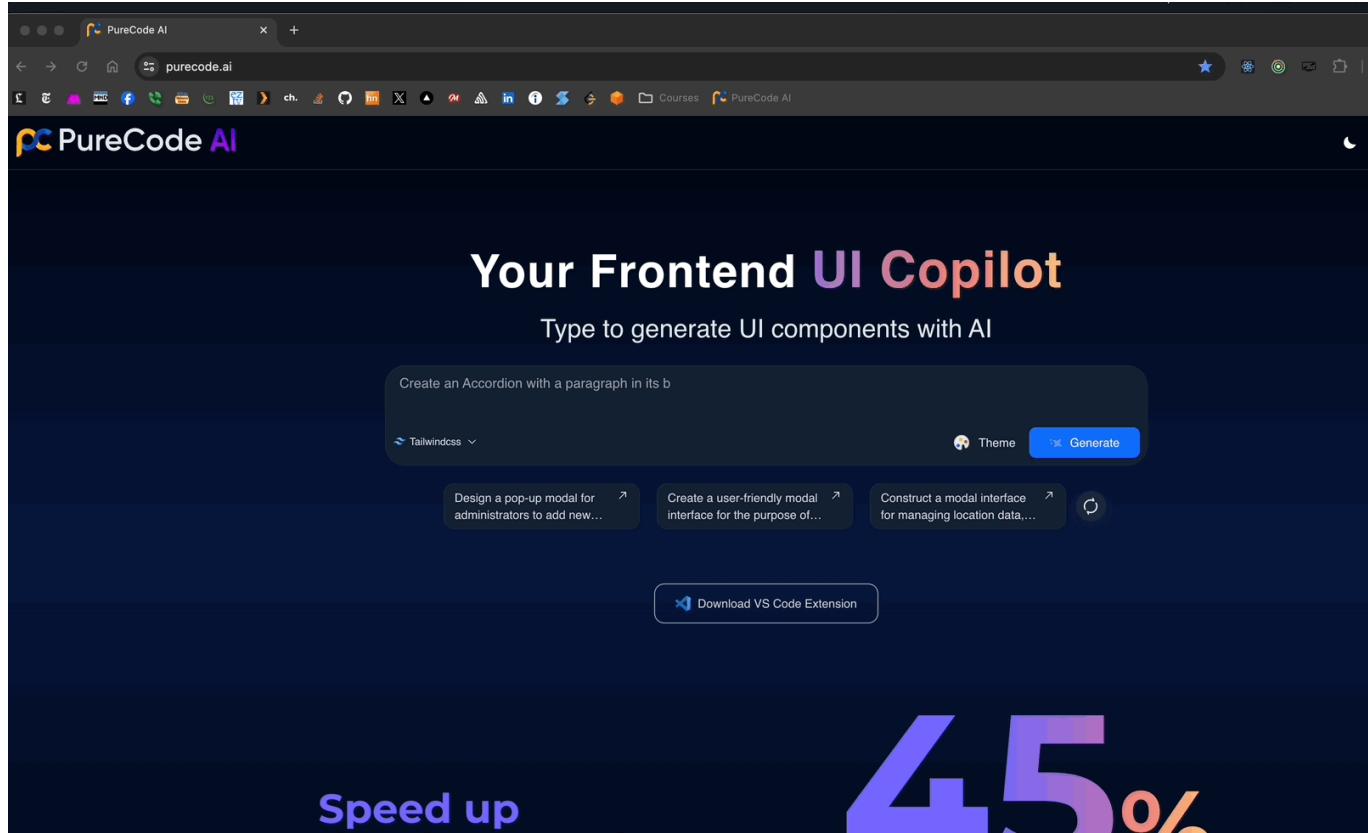


- Bug : It's not possible to **Save** a custom theme if the user is not authenticated.
 - Solution: hide the **Theme** button until the user is authenticated or prompt the user to authenticate via ClerkAuth when user clicks **Save** theme button - similar to the UX experienced when a user clicks on an example prompt.
- Confusing UX : It's not immediately apparent that the user needs to supply a value in the **name** field for the custom theme **Save** button to activate.
 - Suggest adding a tooltip that indicated the user must provide a name field when the custom theme **Save** button is hovered or on attempt to click disable button we could trigger another feedback toast.
 - More important is that this feature doesn't work for unauthenticated user's (which makes sense, but feels broken nonetheless - see Solution above)

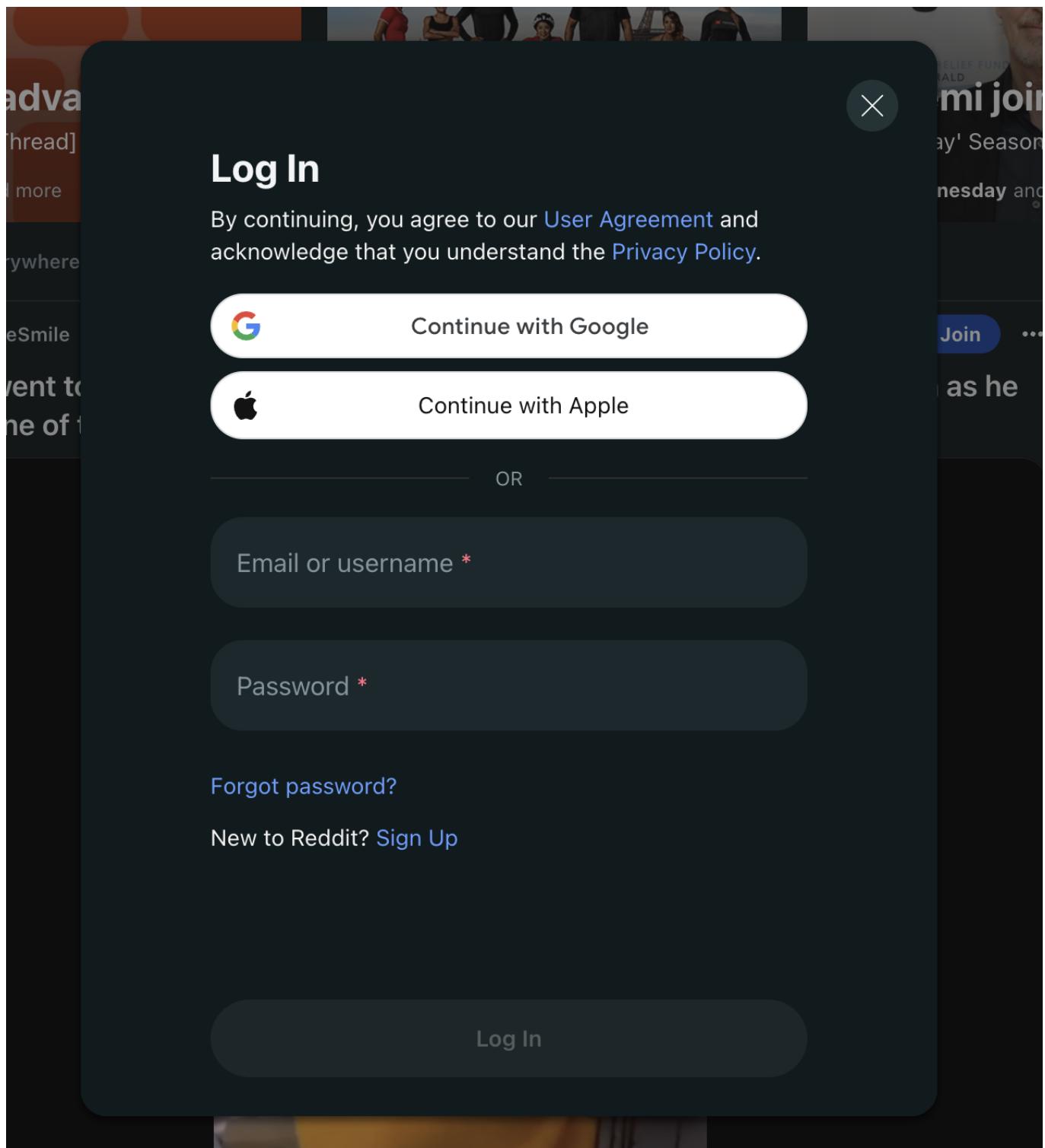


Speed up development by

- Bug 🐛 (or stylist-bias - very weakly held opinion here): When user clicks on a template prompt, they are prompted to authenticate via the Clerk modal. Great! However, if the user decides to navigate click the browser's back button the modal persist across page views which leads to a confusing UX (aside from reddit - which isn't known for great ux - I can't find another site on the web that has a similar auth modal behavior on browser navigation). Most sites seem to prefer a full-page login/sign-page over a floating modal. I will admit this might not be a "bug", just a bit odd, but certainly low priority.
 - Expectation: I would expect the authentication modal to vanish upon Back browser navigation.



- Minor UX Quirk 😊 : The only way to dismiss the authentication modal is for the user to hit the escape key. It would be nice if there was an explicit close (X) button on the modal or if the modal vanished if the user clicked outside of the modal frame. See reddit authentication modal.

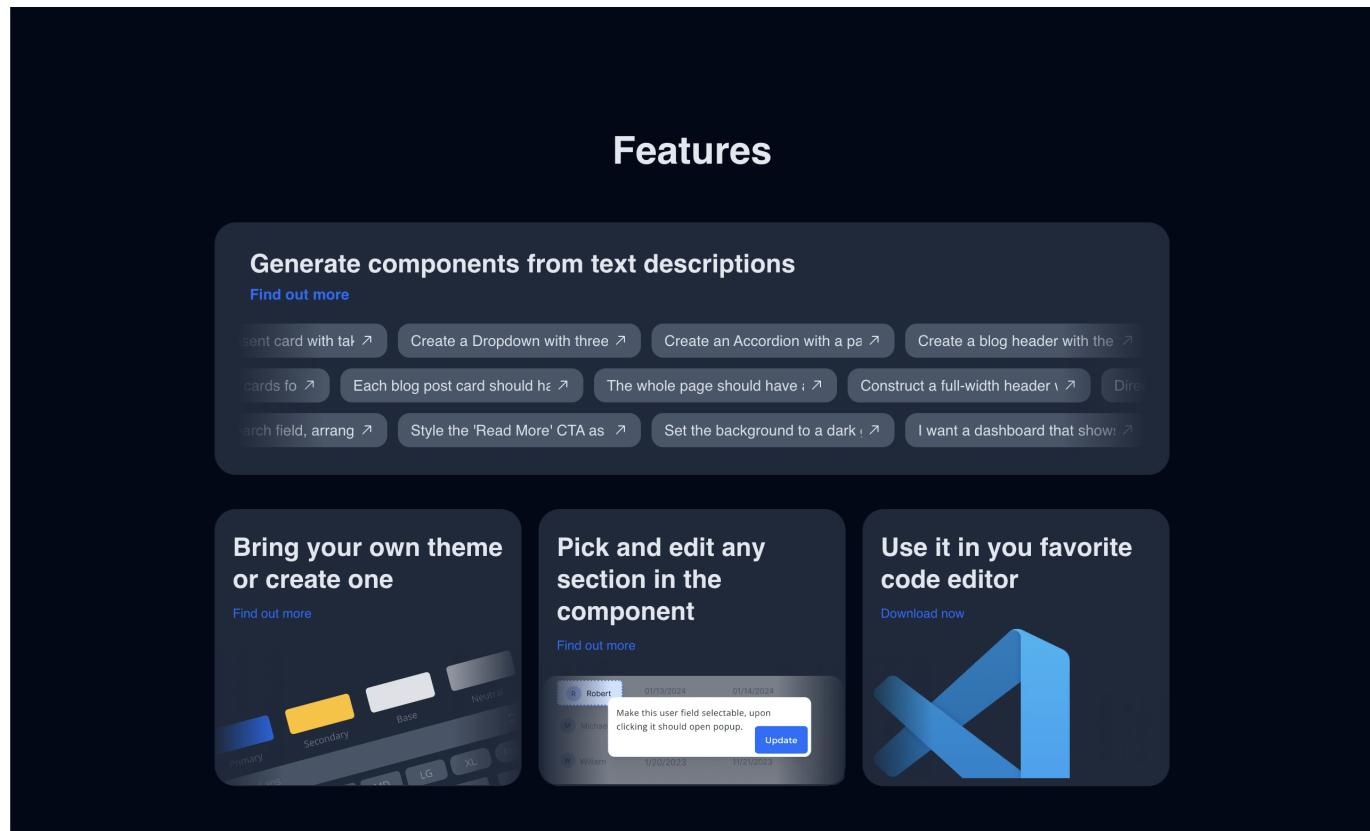


Call-To-Action-Made-Up-Statistic (😅)



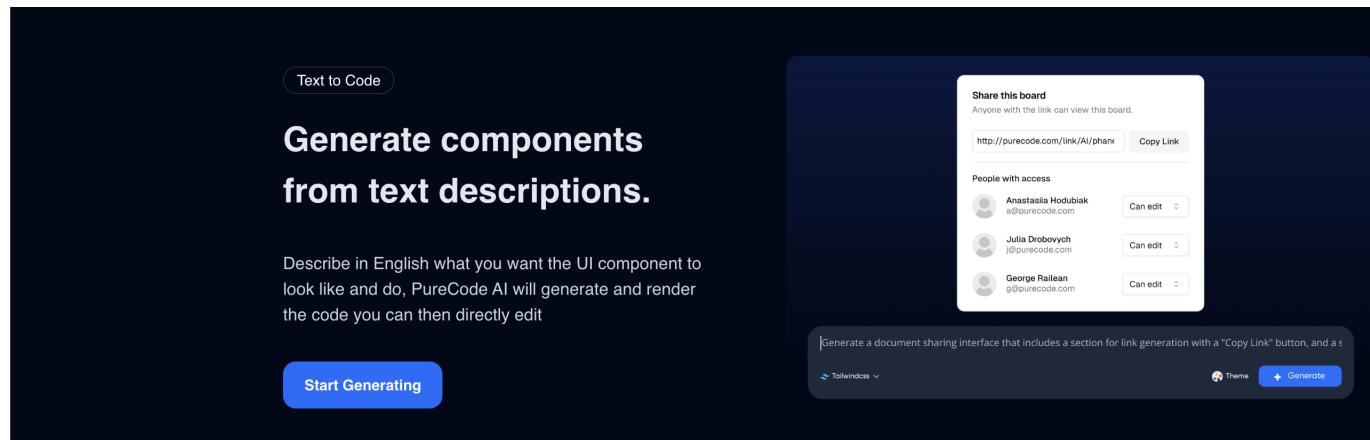
- No constructive comment. Ship it! 🚛

Features Card Section (General)



- Only one comment (nit-picky). Why doesn't the wide-card ([Generate components from text descriptions](#)) animate and grow on hover and provide a `pointer: cursor` to indicate that the entire card is clickable? Seems inconsistent. In function, it's no different than the cards that link to detail feature card 02 through 04. I do notice that the `cursor: pointer` shows up when a user hover over the example prompt rows (nice little left-right animation of the prompts - fancy)

Features Card Section (Detail)



The screenshot shows the Tailwind AI interface. On the left, there's a "Customize Theme" panel with sections for "Colors" (Primary, Secondary, Base), "Font" (Open Sans), "Radius" (XS, SM, MD, LG, XL), and "Shadow" (XS, SM, MD, LG, XL). It includes "Create New" and "Choose" buttons, and "Save" and "Cancel" buttons. On the right, there's a "Upload Theme" section with "Upload New" and "Choose from Saved" buttons. A preview window shows a dark-themed component with a button labeled "Save new". Below the preview is a code editor with the following configuration file:

```

/* tailwind.config.js */
module.exports = {
  colors: {
    primary: "#1A237E",
    secondary: "#7A5ABE",
    tertiary: "#F7B84D",
    orange: "#F7784D",
    green: "#13C65E",
    blue: "#4680CE",
    grayDark: "#273444",
    gray: "#6A994E",
    grayLight: "#E0E0E6"
  },
  fontFamily: {
    sans: ["Graphik", "sans-serif"],
    serif: ["Merriweather", "serif"]
  }
}

```

Below the code editor are "Save" and "Cancel" buttons.

Theming

Create or Upload

Generate components that match your theme by providing config.js files or creating from scratch.

[Create theme](#) [Upload theme](#)

The screenshot shows the Tailwind AI interface. On the left, there's a "Fast and Easy Updates" section with a "Pick & Edit" button. Below it is a "Start generating" button. In the center, there's a "Projects" section showing a list of tasks:

- Touch up audio edits with Regenerate (Jack's Demo)
- Add stock media (Jack's Demo)
- Improve audio quality w/ audio Sound (Jacks Demo)
- Remove filter words (Jack's Demo)
- Transcribe audio to text automation (Jack's Demo)

A tooltip over the "Update" button for the last item says: "Make the text larger or change the colors of this element." On the right, there's a "VS Code Extensions" section with a "Pick & Edit" button and a "Select and edit any section within the component effortlessly" description.

VS Code Extensions

Do it all in your favorite code editor.

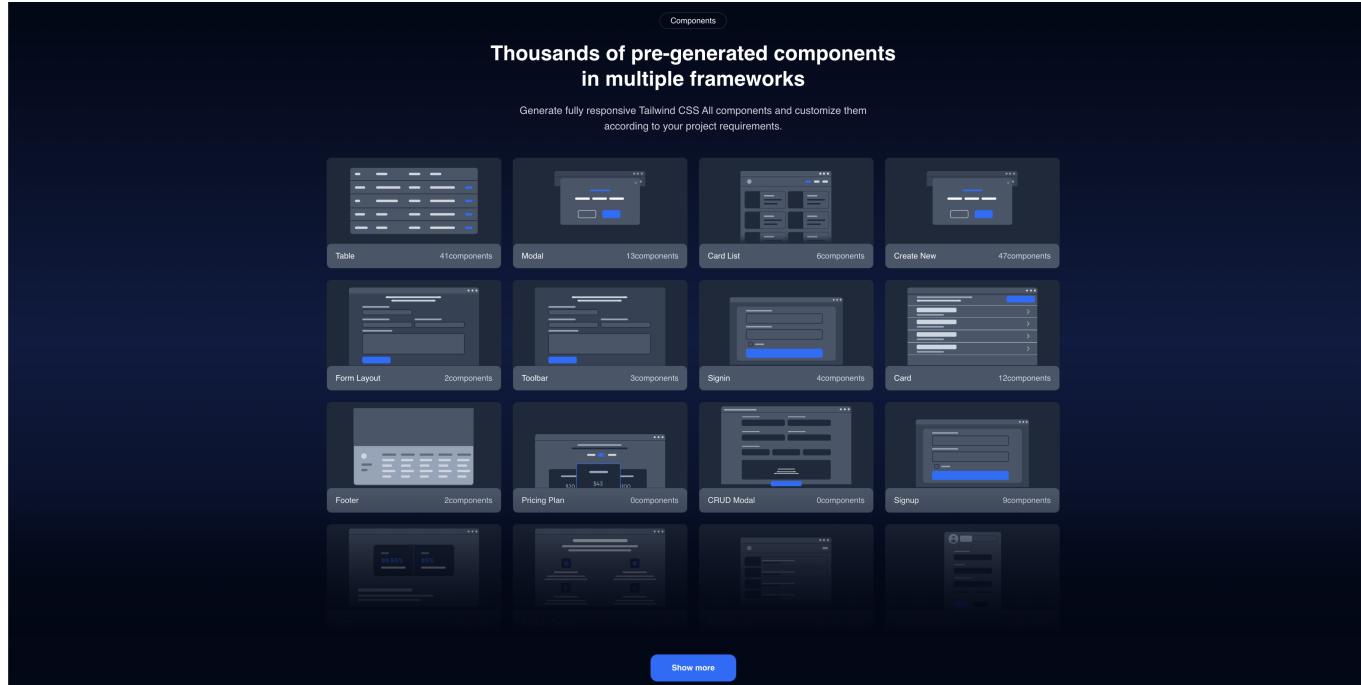
Generate, update and preview the component along with code. All with-in VS code.

[Download extension](#)

The screenshot shows the Tailwind AI interface. On the left, there's an "Integration Options" section with "Email", "Facebook", "Twitter", and "LinkedIn" buttons. Below it is a "VS Code" section with a "Connect" button. In the center, there's a code editor showing a component definition and some code snippets. At the bottom, there's a "Download extension" button.

- No comment aside from a suggestion to add some subtle animation to the blue button on hover. Ship it! 🚚

Pre-Generated Components Example Grid



- Looks great. Ship it.

Testimonial Card "Carousel"

Don't just take our word for it

Remarkable developer experiences that enable success stories, empower businesses, and fuel growth across industries and individuals.

PureCode AI to instantly make production ready components cuts out hours of the development work ...

Jucker
React Developer

"Uploading our project theme and instantly generating components has been a game changer for the team. A must...

Julia DeBoer
Front End Engineer

"I'm delighted with PureCode.ai! The VS Code extension is incredibly useful for developers looking to save time writing...

Suman Chopra
Senior Full Stack Developer

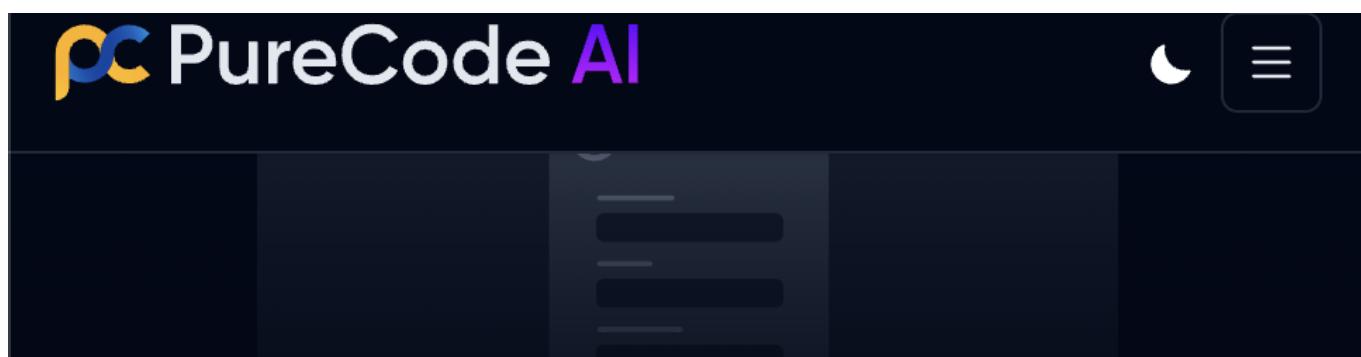
"This tool saves me considerable time and effort on the front end. After prompting, it creates exactly what I need,...

Olivia Marcello
React.js Developer

"Incredible experience using PureCode AI. It's especially useful for...

Eva
Front End Developer

- No comment on desktop, but on smaller viewports it would be nice if the "carousel" was in fact functional (i.e. having the cards actually slide left-right when the user swipes across the carousel row)



Account Overview

0 components

Show more

Don't just take our word for it

Remarkable developer experiences that enable success stories, empower businesses, and fuel growth across industries and individuals.

“Using PureCode AI to instantly generate production ready components cuts out hours of mundane development work on projects.”

Rob Tucker 

Lead MERN Developer

“Uploading generating changer for React.js de

Julia DeB

Front End En



Pricing Comparison Chart

Start your 7 day **UNLIMITED FREE TRIAL**

Monthly Annual -20% off

Pro	Premium	Enterprise
\$19 /monthly	\$39 /monthly	Contact Us
Start free trial	Start free trial	Talk to Sales
Custom Theming	✗	✓
Unlimited component generations	✓	✓
Unlimited component iterations/updates	✓	✓
Private generations	✓	✓
Add multiple users	✗	✓
SAML SSO	✗	✓
Data Privacy assurance	✓	✓
Flexible Commercial Terms	✓	✓

- Ship it. Love it. Buttons have hover animations. ❤️

FAQ Section

FAQ

What frameworks does PureCode AI support?

How can I bring my own theme?

Why should I use the VS Code Extension?

How can I generate better components?

How does the pick and edit feature work?

- no comment

Miscellaneous

- Final comment: Where's a footer? Privacy Policy, Terms of Service, etc. Low priority I'm sure because the landing page is not the product. 

Tablet (768px viewport - iPadMini)[^1]

Mobile (430px viewport - iPhone 15 Pro Max)[^1]

Authenticated User

Desktop (1440px viewport - MacBook Air MX)[^1][^2]

Tablet (768px viewport - iPadMini)[^1]

Mobile (430px viewport - iPhone 15 Pro Max)[^1]

General Positive Aspects of Landing Page (my bias - *strong opinions, weakly held*)

- Stay tuned! Quick words that pop into my head on first impression. Modern. Great dark color choices and use of gradients.
- 98% mobile responsive at first glance

Bugs/Possible Areas to Improve/General Critiques (my bias - *strong opinions, weakly held*)

- More to come here soon. (will wait to hear back before continuing to invest in this readme)
- When logged-in but accessing the web app through a VPN (Surfshark), I would often encounter (maybe always) a **403 Access Forbidden** error on </v1/chat-ai/> POST and PUT request.

Product Thoughts (web) - (very rough draft)

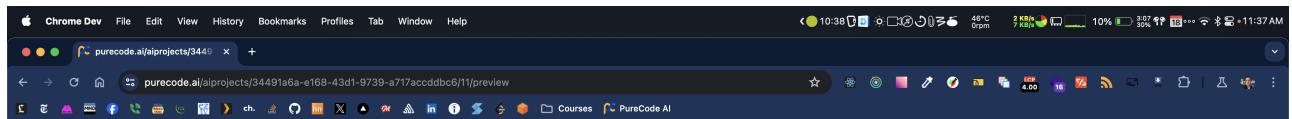
- The meat and potatoes of PureCode.ai and where I first tried to give feedback, but when I started to poke around the web app I was unable to make use of its generative powers because the Azure backend was generating a **502 – Bad Gateway** error that rendered the app totally unusable.

The screenshot shows the PureCode AI web interface. On the left, there's a component editor with a sidebar for selecting components and a main area for describing a new component. On the right, there are tabs for 'Canvas' and 'Code'. Below the main area are buttons for 'Generate with AI', 'Components', and a user icon. At the bottom, there are buttons for 'Tallwindss', 'Theme', and 'Download VS Code Extension'.

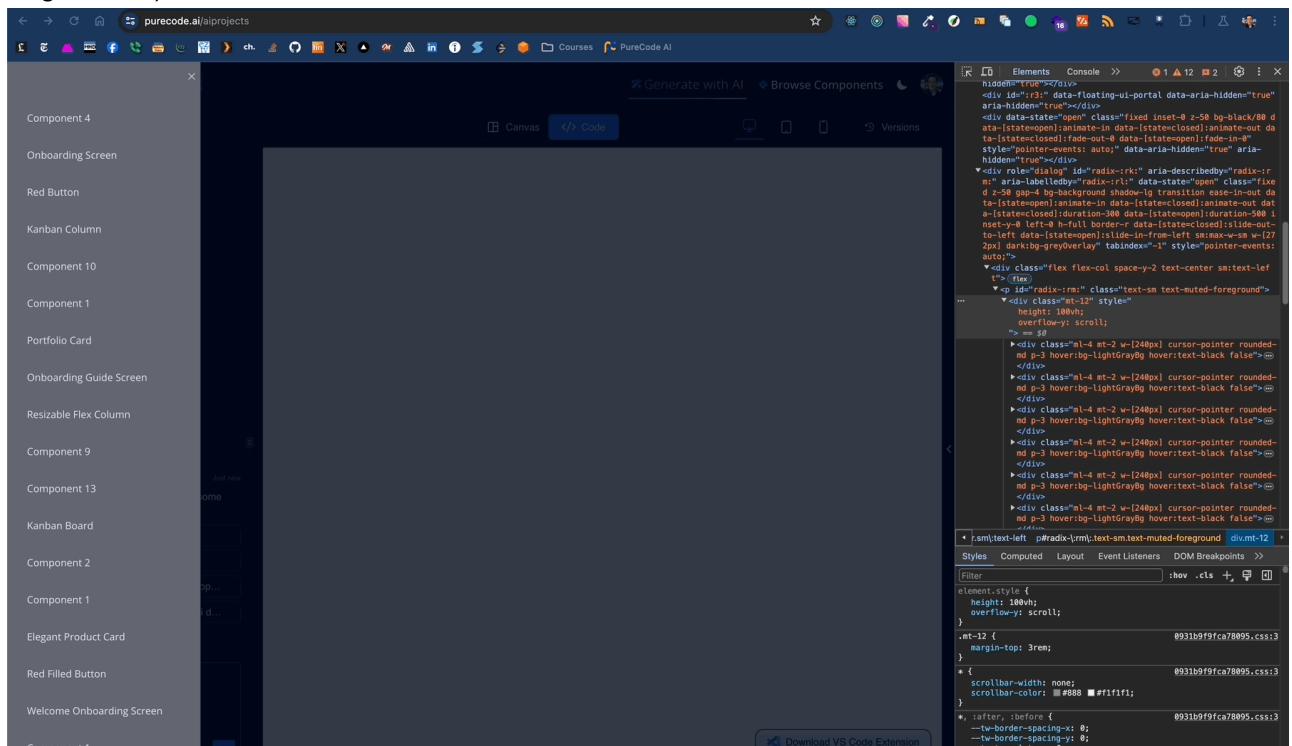
At the bottom of the screen, the Firefox Developer Edition DevTools Network tab is open. It shows a list of network requests and responses. One specific POST request to <https://purecode-next-backend.azurewebsites.net/api/v1/chat-ai/new-chat> is highlighted, showing a status of 502 Bad Gateway. The response body contains the text "502 Bad Gateway".

- The web app now works. I've played with it some. I'll post my feedback in a video walk along. Quick thoughts: Impressive, versioning of multi-step prompts has a lot of possibility to make this a very useful product. Web app, however, does seem a bit brittle and I find it necessary to operate always with DevTools open to obtain sufficient feedback on how the generative process is progressing. App-level crashes happen quite often, although typically a hard browser refresh enables one to continue building on previous prompt steps. At times, a new step will cause previously working functionality to vanish (ai forgetfulness is a thing)
- I wonder how long the web app has been in development?
- It's a shame that manually editing generated code is quite buggy at the moment (difficult with cursor placement and any attempts at editing generated code leads to garbled mess.)
- ~~There doesn't seem to be a method to cancel the free trial period.~~ (This has recently been fixed by proving an support email (thanks Edward!))
- It currently feels like a developer-level of knowledge is need by a user to extract useful functionality from the app.

- It would be nice to add an appropriate React error boundary to limit effective crash area when the error below takes place (caused by an attempt to access undefined fields on render (`<ErrorBoundary/>` where are you?)). Hard-refresh usually allows for progress to be made.



- BUG FIX Component History List** should vertically scroll when list exceeds 100vh. Possible fix: add `h-screen overflow-y-auto` to the direct parent that wraps each component list item. (refer to gif below)



Product Feedback Video (10 minutes - apologizes for background noise 🙏)

[Download MP4 Video](#)

[YouTube Link to Video](#)

Why I Would Be A Good Hire Video (6 minutes)

[Download MP4 Video](#)[YouTube Link to Video](#)

VSCode Extension Thoughts

- I installed the VSCode extension, but it's currently not publicly functional: "*We are rolling out new feature in this extension*"
 - Extension released on 23 March 2024. Last updated 16 April. Pre-Alpha stage.
-

[^1]: Thoughts not included for brevity (and given the use case for the site I suspect most users will be on a laptop) - I would be willing to explore in further detail if requested [^2]: For sake of brevity, I will avoid any nit-picky stylist observations and only focus on bugs in the UI/UX - again I am willing to explore in more detail upon request