

# React Components with Figma MCP and Cursor

Dan Denney

Software Engineer

**But,  
why tho?**



# What is a component?

What does component even mean?

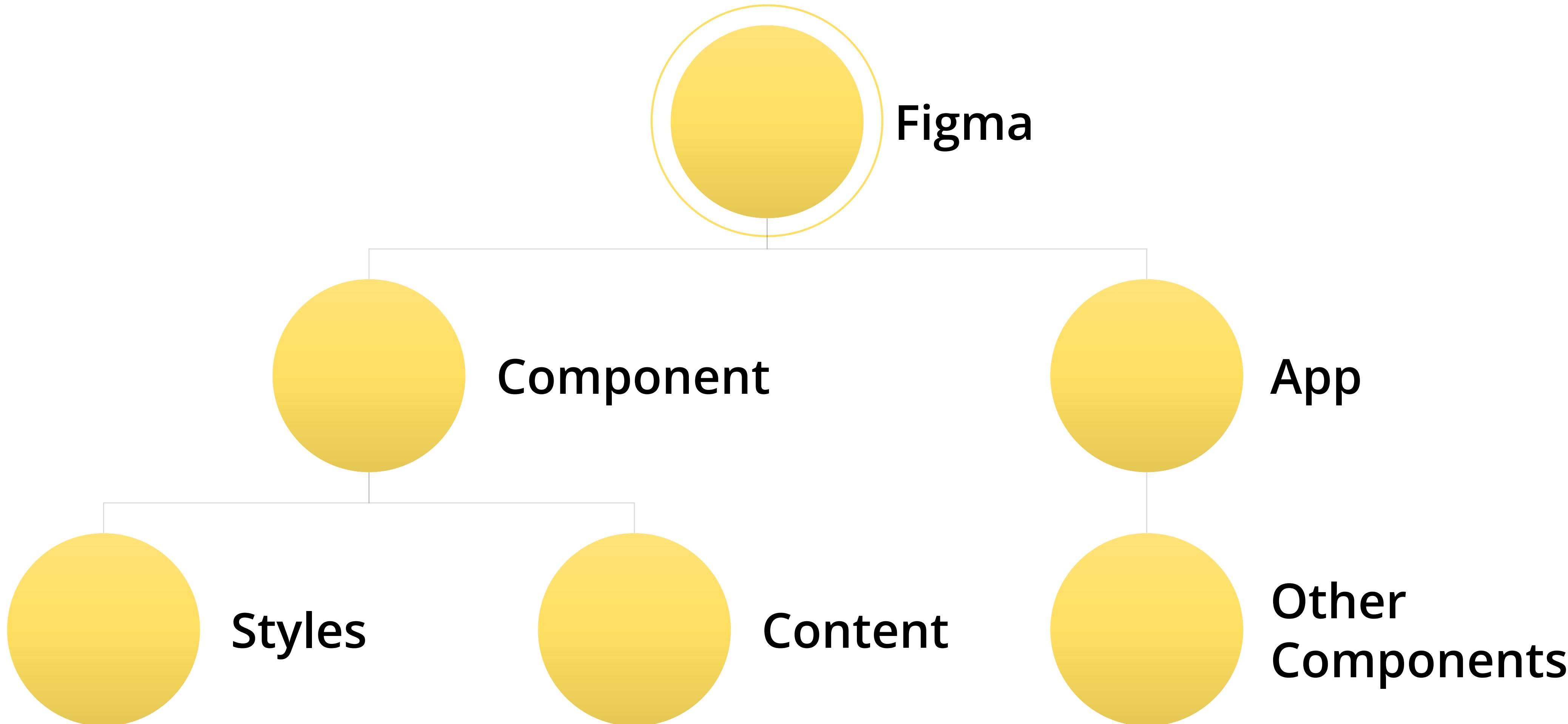
Nobody knows what it means, but it's provocative

This is a template Figma file, turned into code using Anima. Learn more at [AnimaApp.com](https://AnimaApp.com)



★★★★★

Gemma Nolen  
Google



# Everyone needs to know...



# Getting content and styles out

Anima  
act  
act

act

The screenshot shows a Figma interface with a design view on the left and a code editor on the right.

**Design View:** The design view shows a large H1 heading with the text "signer". The heading has a bounding box of approximately [450, 620, 820, 700]. A red callout box highlights a specific character in the word "signer", with a dimension of 4.375rem indicated. The "Align-self: stretch;" CSS rule is applied to this element.

**Code Editor:** The code editor displays the following CSS rules:

```
1 align-self: stretch;
0 Hug
```

**Properties Panel:** The properties panel on the right shows the following settings for the H1 element:

- Position:** X 0, Y 54
- Rotation:** 0°
- Layout:** Resizing: W 620, Fill, H 70
- Appearance:** Opacity 100%, Corner radius 0
- Typography:** Font family: Ag H1, Alignment: center, font-size: 4.25rem, font-weight: 600, line-height: normal

```
2 align-self: stretch;  
3  
4 color: var(--Black, #2D2D2D);  
5  
6 /* H1 */  
7 font-family: Epilogue;  
8 font-size: 4.25rem;  
9 font-style: normal;  
10 font-weight: 600;  
11 line-height: normal;  
12  
13  
14  
15  
16 /* Someone who doesn't have dev mode */  
17  
18 /* Visual Designer */  
19  
20 width: 620px;  
21 height: 70px;  
22  
23 /* H1 */  
24 font-family: 'Epilogue';  
25 font-style: normal;  
26 font-weight: 600;  
27 font-size: 68px;  
28 line-height: 70px;  
29 /* identical to box height */  
30 display: flex;  
31 align-items: center;
```



# Knowing what to ignore

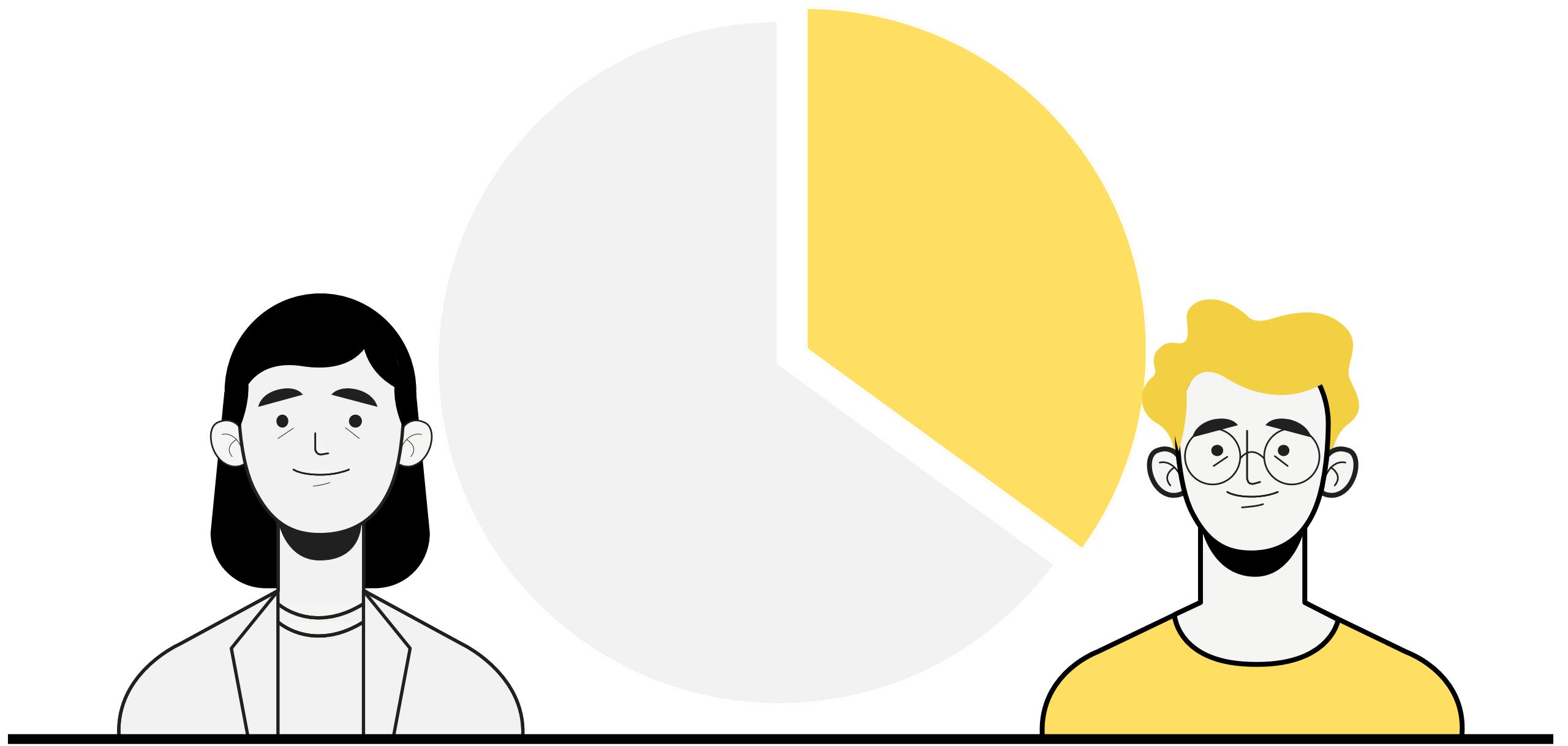
# Refactoring the styles for the app

9+, U

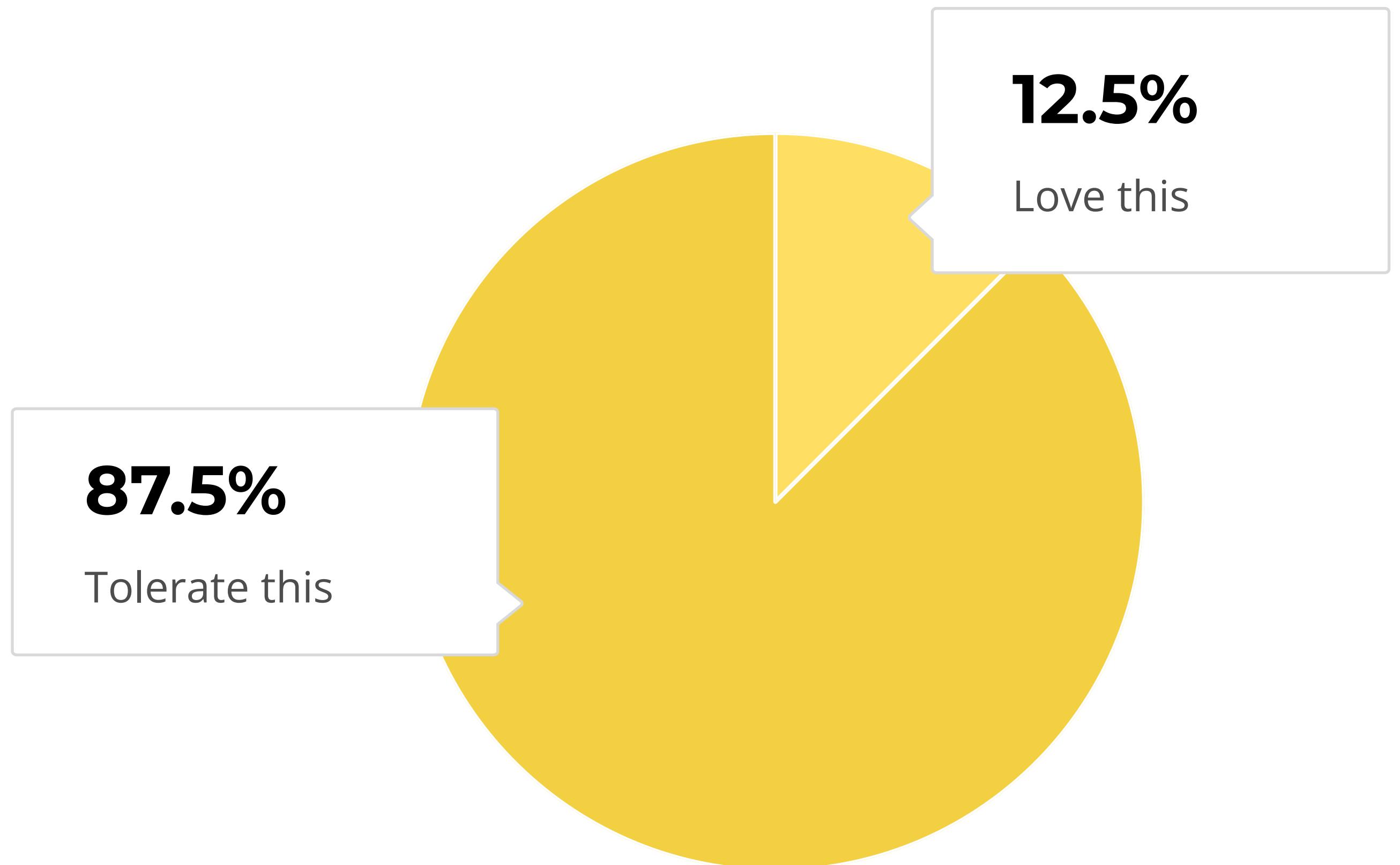
TS instrumentation.ts  
JS jest.config.js  
JS jest.setup.js  
RSS junit.xml  
JS lighthouserc.js  
TS next-env.d.ts  
JS next-i18next.config.js  
JS next.config.js

example.tsx > ...  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12 // Styled Components  
13  
14 const sizes = {  
15 1: '2.25rem', // 36px  
16 2: '1.875rem', // 30px  
17 3: '1.5rem',  
18 4: '1.25rem',  
19 5: '1.125rem',  
20 6: '1rem',  
21 };  
22  
23 const StyledHeading = styled.h1<{ level: number }>`  
24 font-weight: bold;  
25 color: #111;  
26 font-size: \${({ level }) => sizes[level]};  
27 `;  
28  
29 // Modules  
30

**Everyone needs  
to know these at  
the same level**



**The best ratio  
that I have  
worked in**

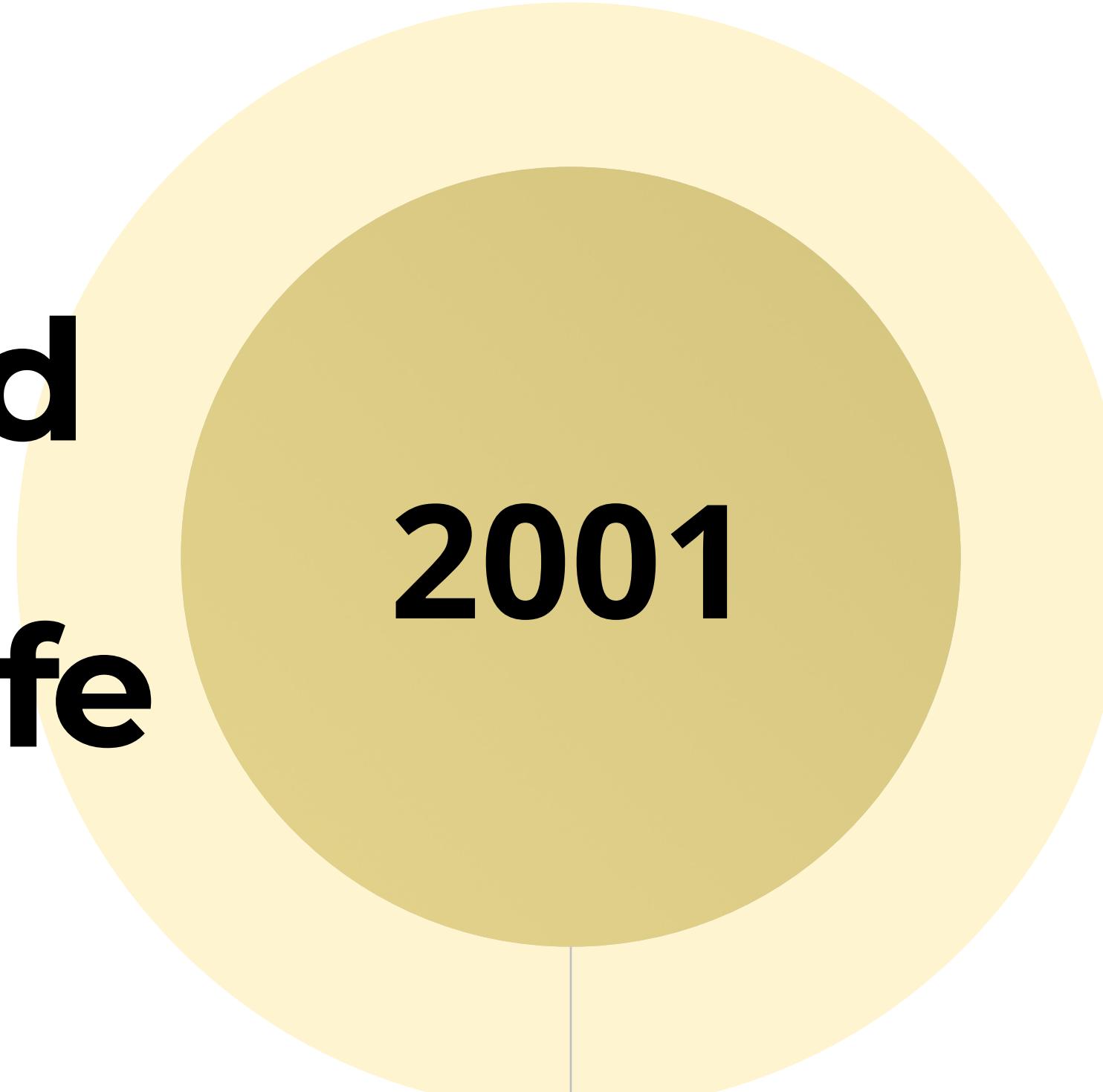


**(Insert record  
scratch sound)**

*Thank you to a wonderful teacher, Kerry Lawson!*

12

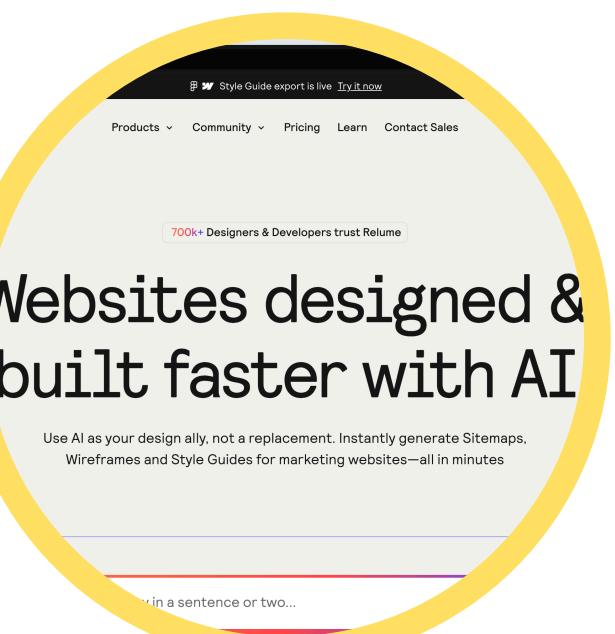
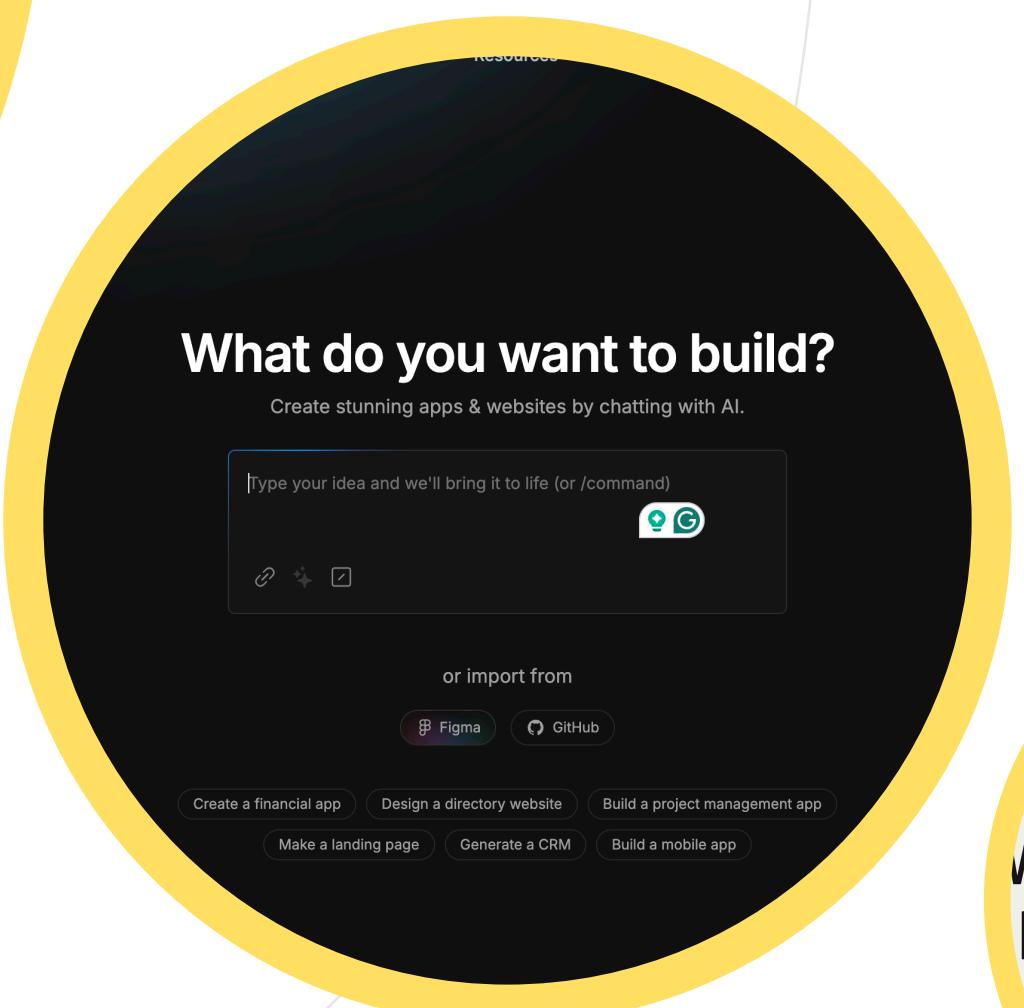
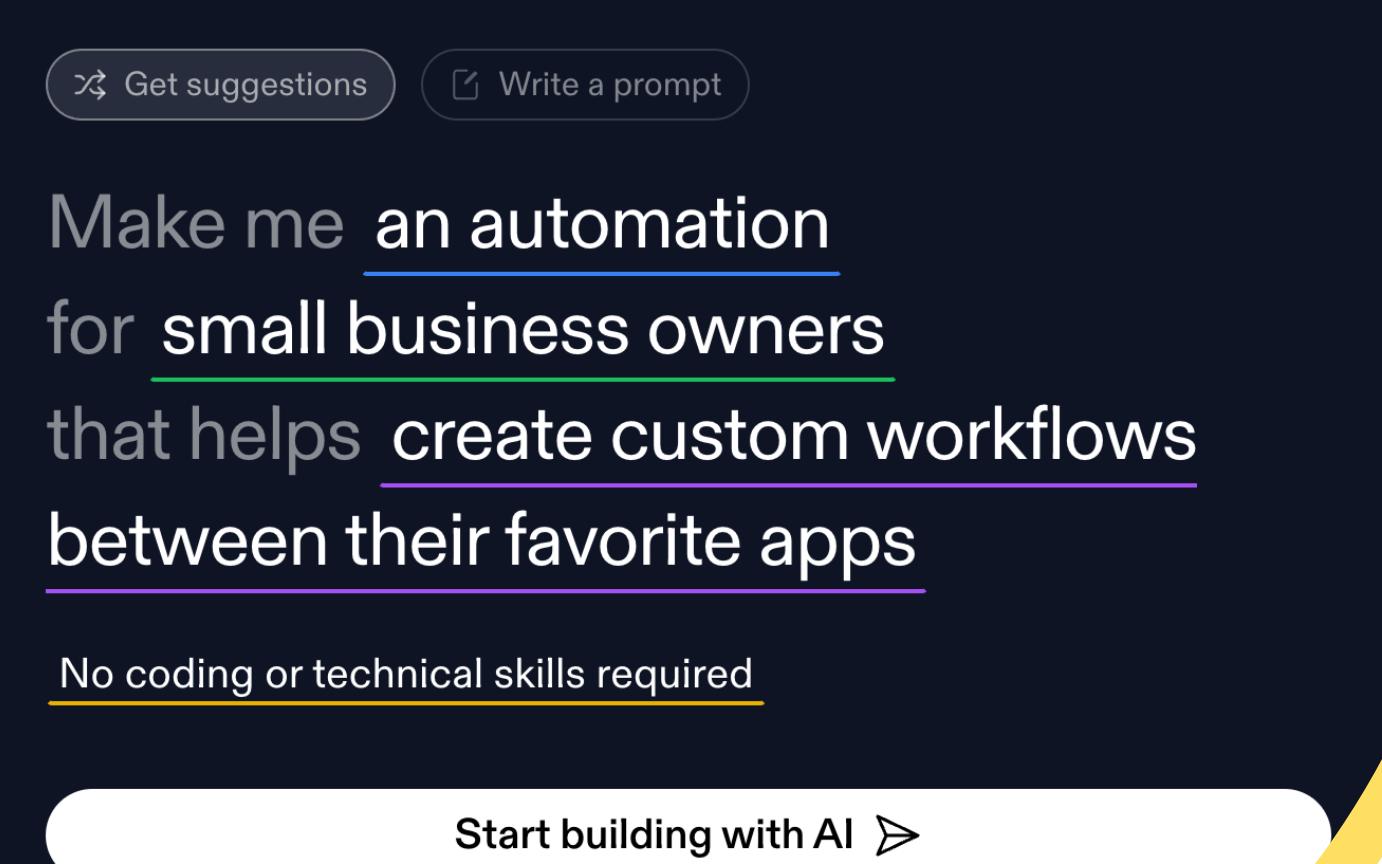
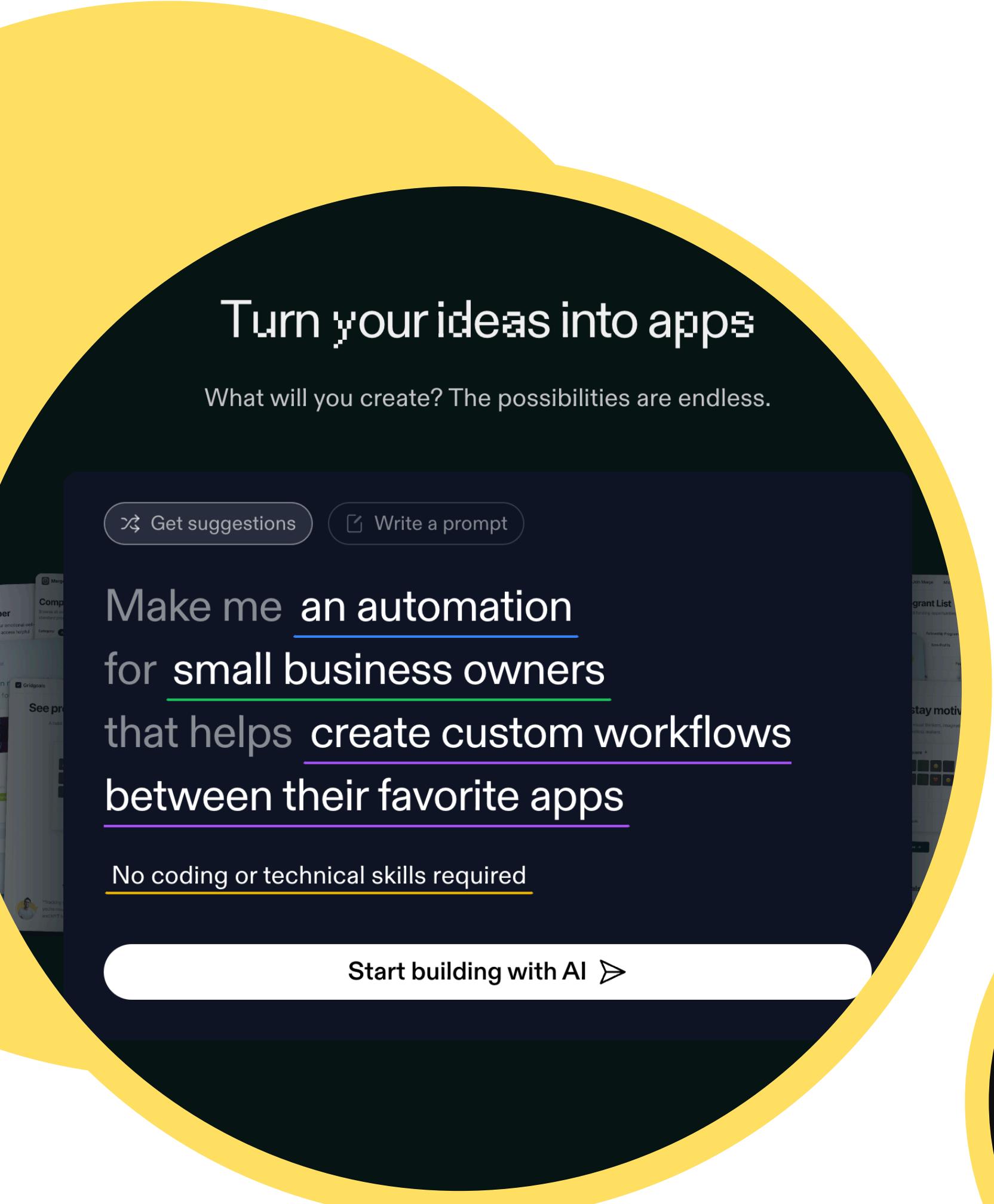
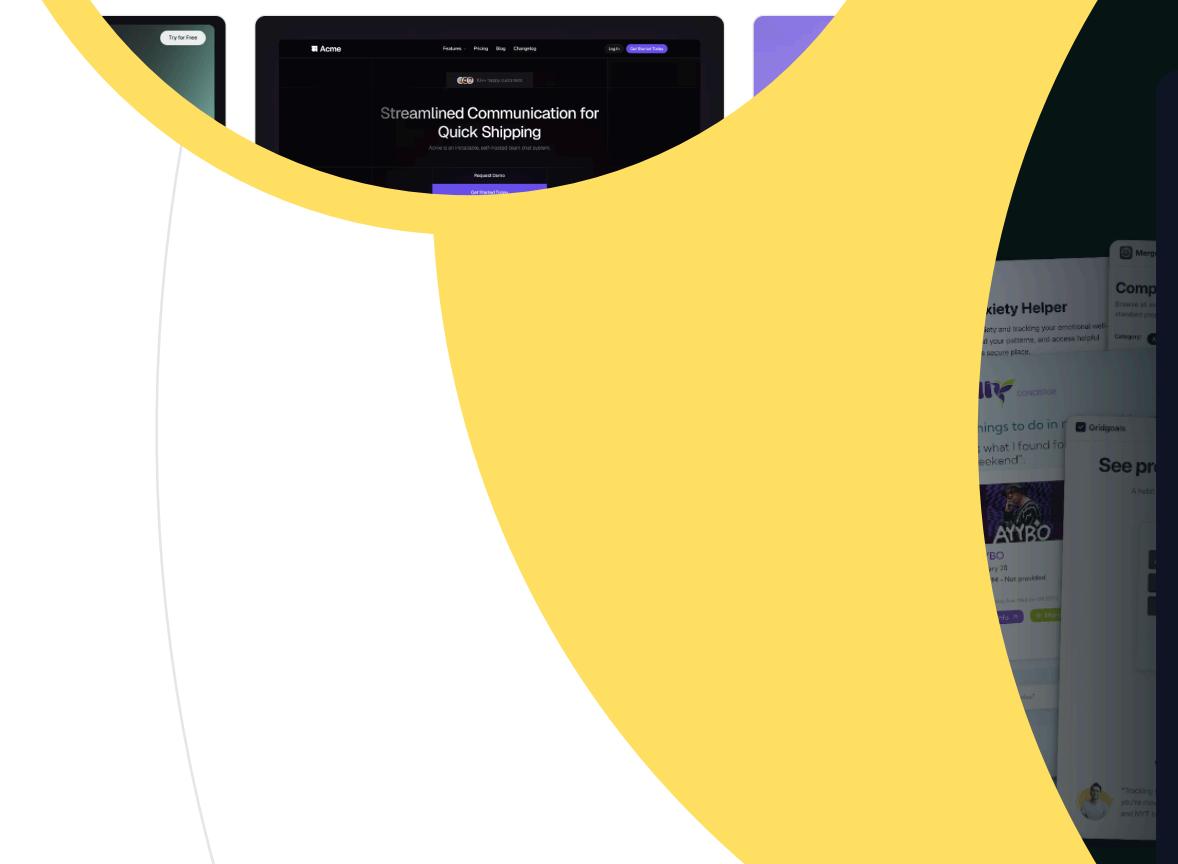
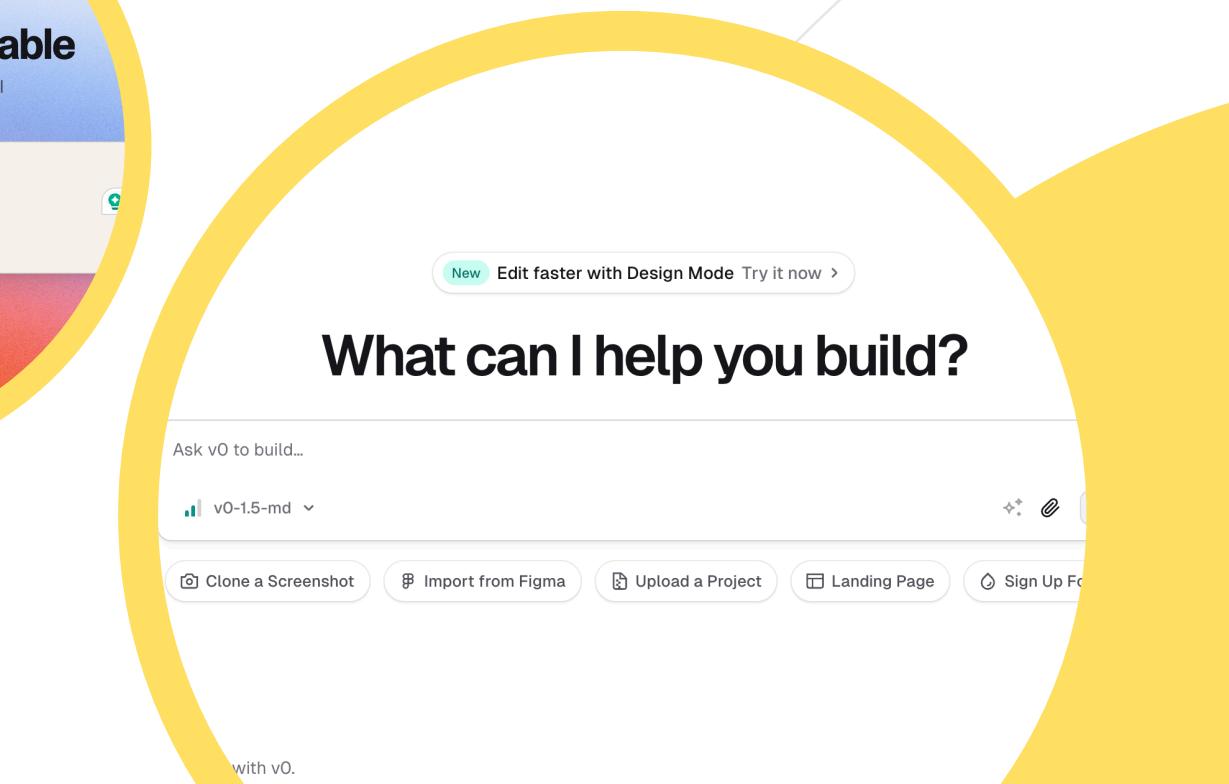
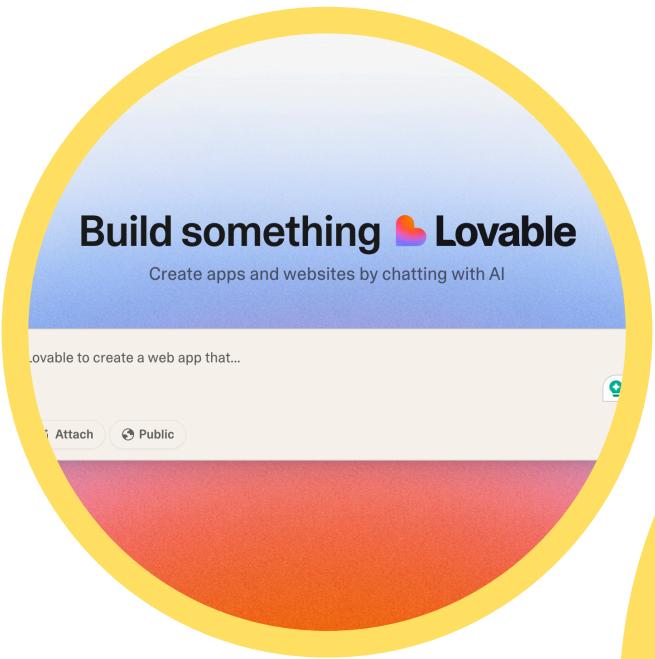
**Hi! I'm Dan and  
a teacher  
changed my life**



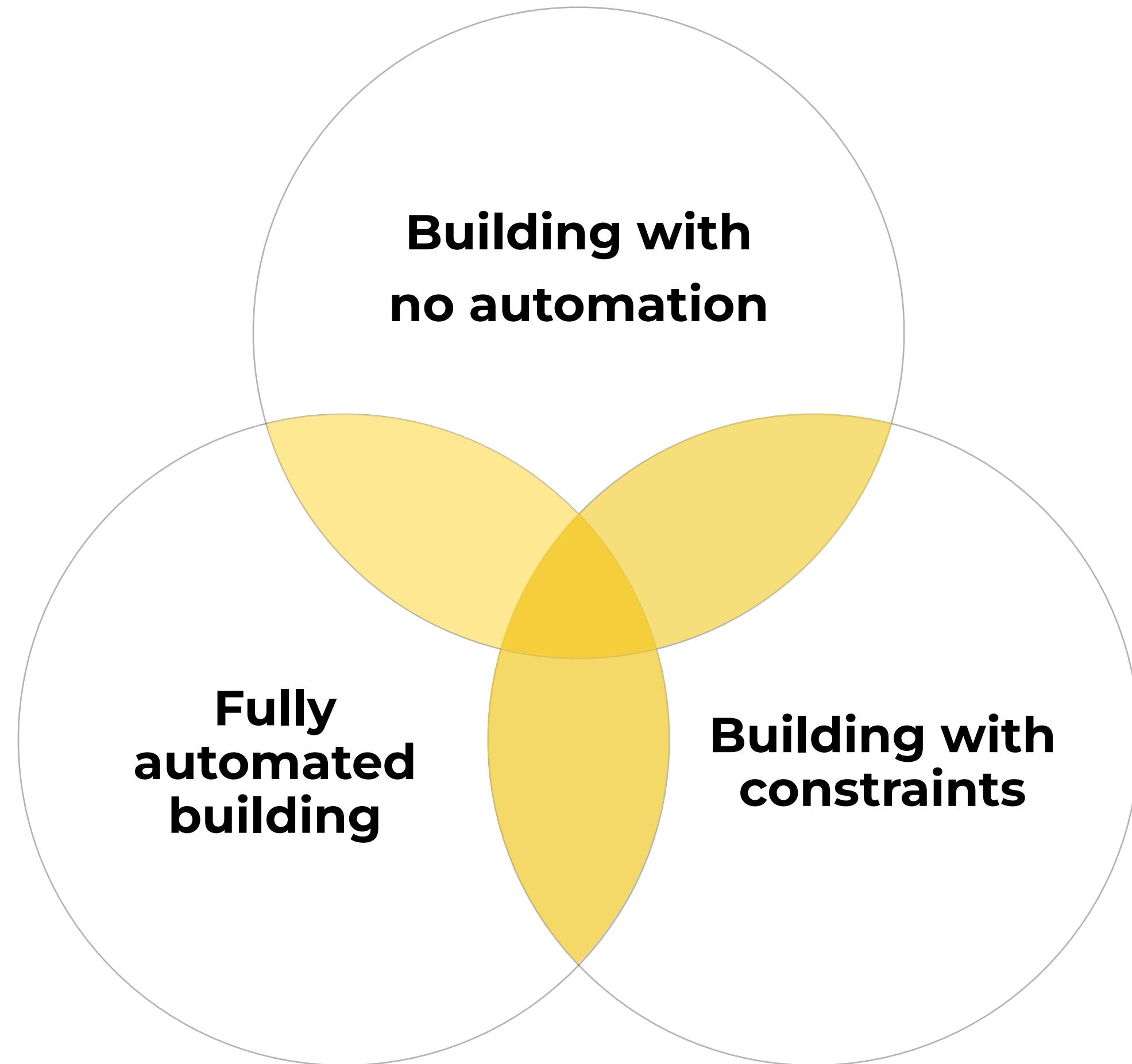
2001

# Web Designer => Front-End Dev => Software Engineer

Personal <b>2001</b>	"Agency" <b>2008</b>	Product <b>2010</b>	Product <b>2012</b>	Product <b>2019</b>	Product <b>2023</b>	Product <b>2025</b>
TECHNOLOGIES	TECHNOLOGIES	TECHNOLOGIES	TECHNOLOGIES	TECHNOLOGIES	TECHNOLOGIES	TECHNOLOGIES
HTML, Flash (kinda), CSS	HTML, Flash (kinda), CSS	HTML, Flash (kinda), CSS	HTML, CSS (SASS)	HTML, CSS	HTML, CSS	HTML,
			JS	Ruby on Rails	Ruby on Rails	Ruby on Rails
	JS	JS	jQuery	React	React	React
	jQuery	jQuery	Ruby on Rails			
	PHP	Ruby on Rails	HTML Email			
	Wordpress					
DESIGN TOOLS	DESIGN TOOLS	DESIGN TOOLS	DESIGN TOOLS	DESIGN TOOLS	DESIGN TOOLS	DESIGN TOOLS
Fireworks	Photoshop	Photoshop	Sketch	Sketch	Figma	Figma
Photoshop	Illustrator	Illustrator	Illustrator			
EDITORS	EDITORS	EDITORS	EDITORS	DESIGN TOOLS	DESIGN TOOLS	DESIGN TOOLS
CoffeeCup	Adobe GoLive	Dreamweaver	Sublime Text	Atom	VS Code	Cursor
Swish	Dreamweaver	Sublime Text	Atom	VS Code		



# The Goal



# Who knows these best?



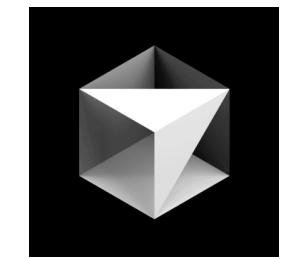
Devs

How to  
refactor  
styles for  
the app

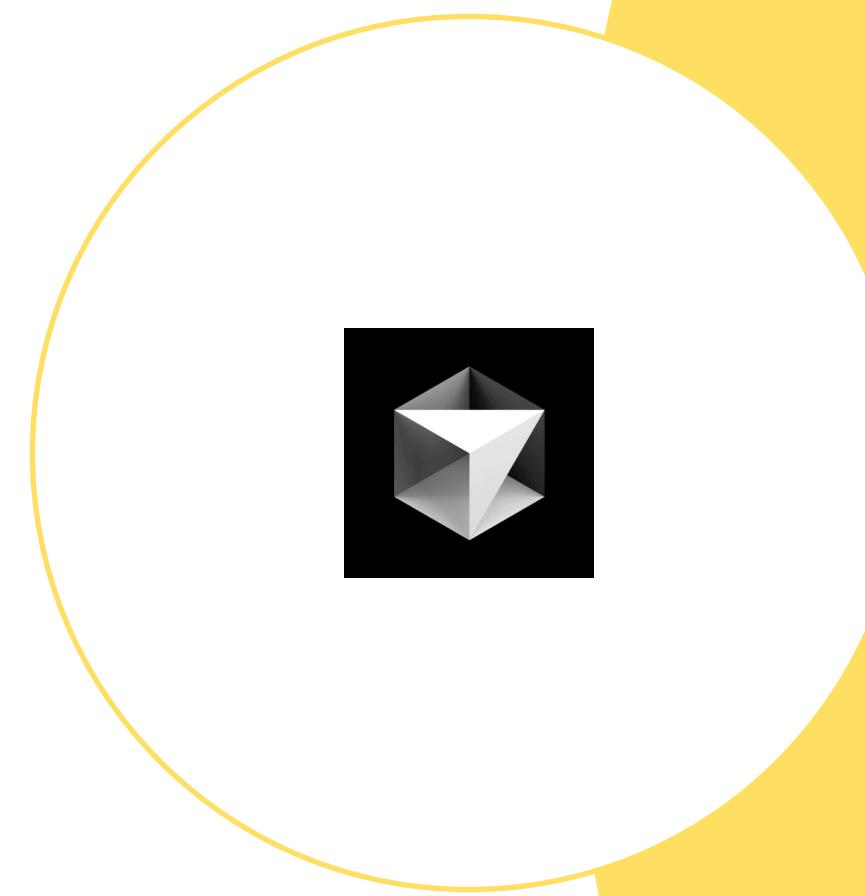


What to  
ignore for  
styles

How to get  
content and  
styles out



# Model Context Protocol



+



# 1

## Enable MCP In Figma

- ✓ Tool selected after use
- ✓ Highlight layers on hover
- Keyboard zooms into selection
- Invert zoom direction
- ✓ Ctrl+click opens right click menus
- Use old shortcuts for outlines
- ✓ Open links in desktop app
- ✓ Enable Dev Mode MCP server
- Dev Mode MCP server Settings >

Use scroll wheel zoom

Right-click and drag to pan

Theme

abs

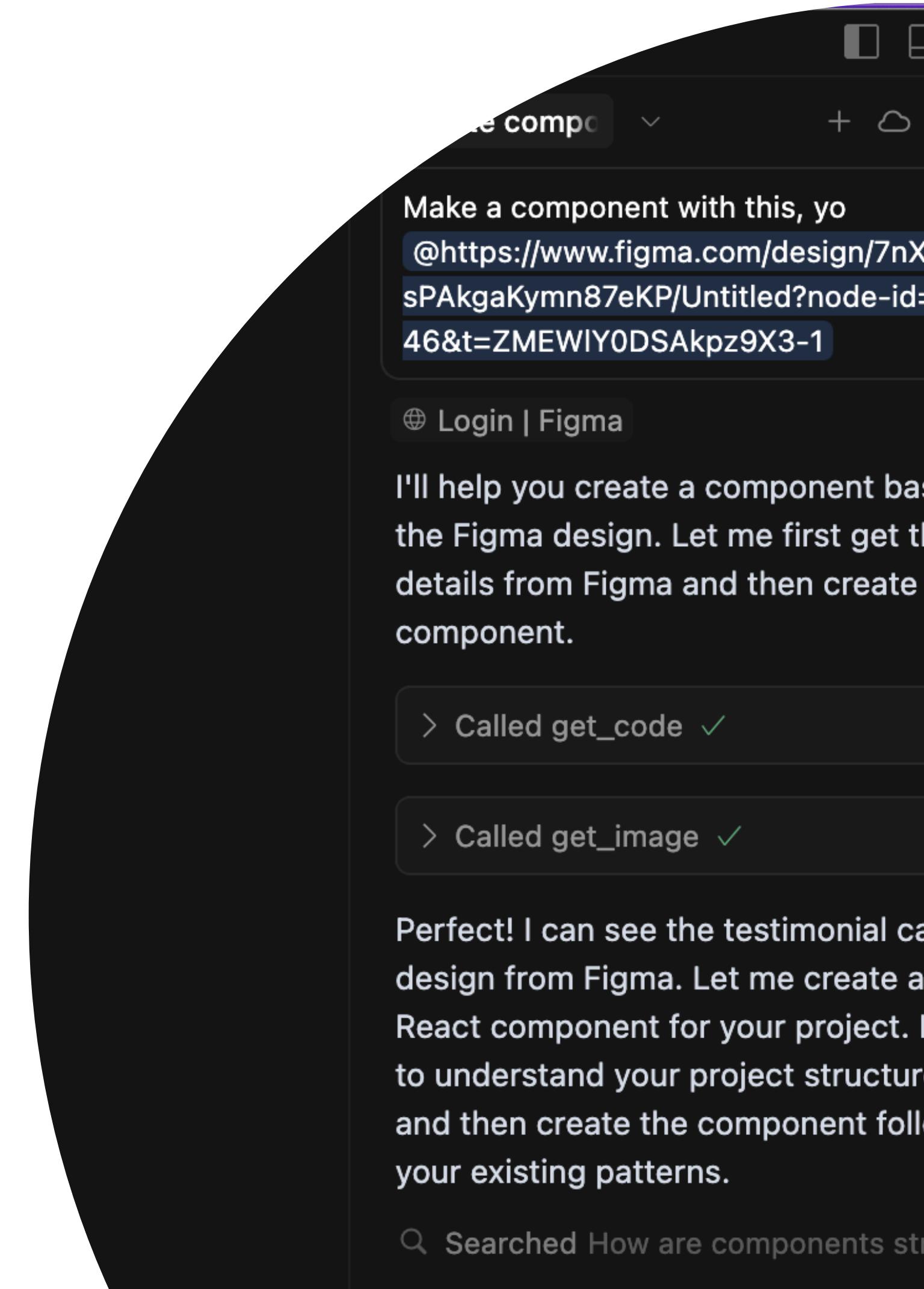
# 2

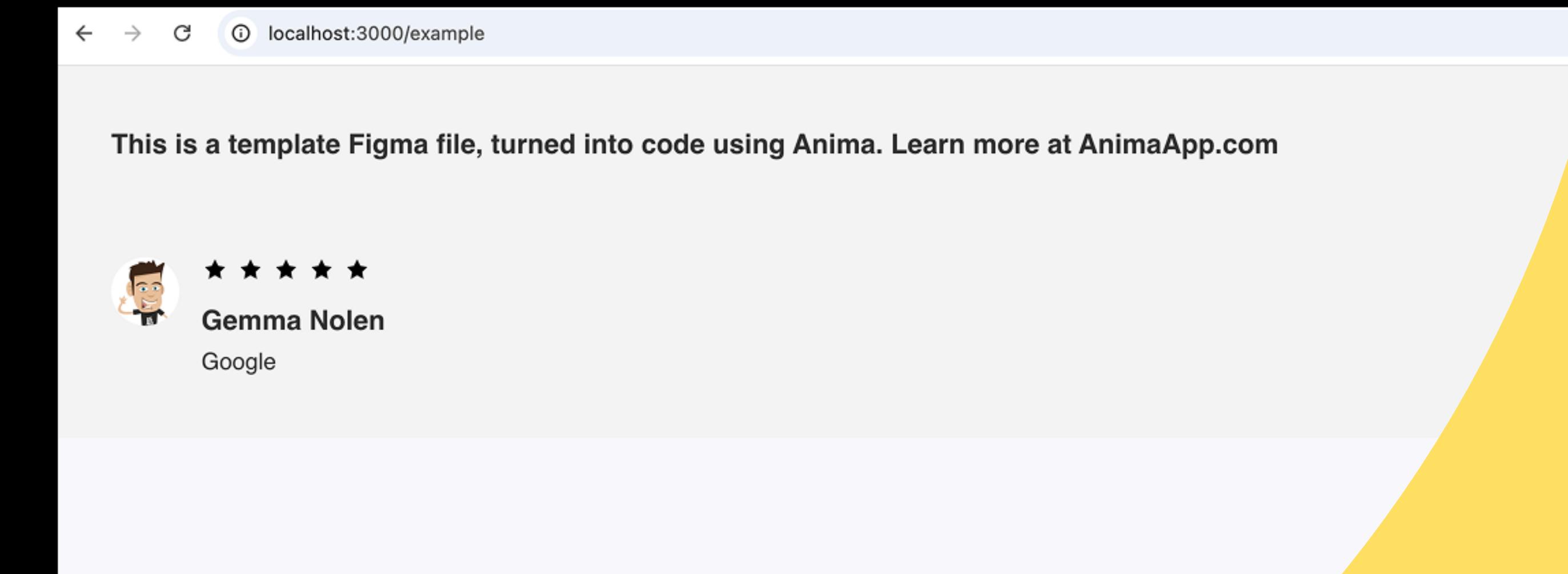
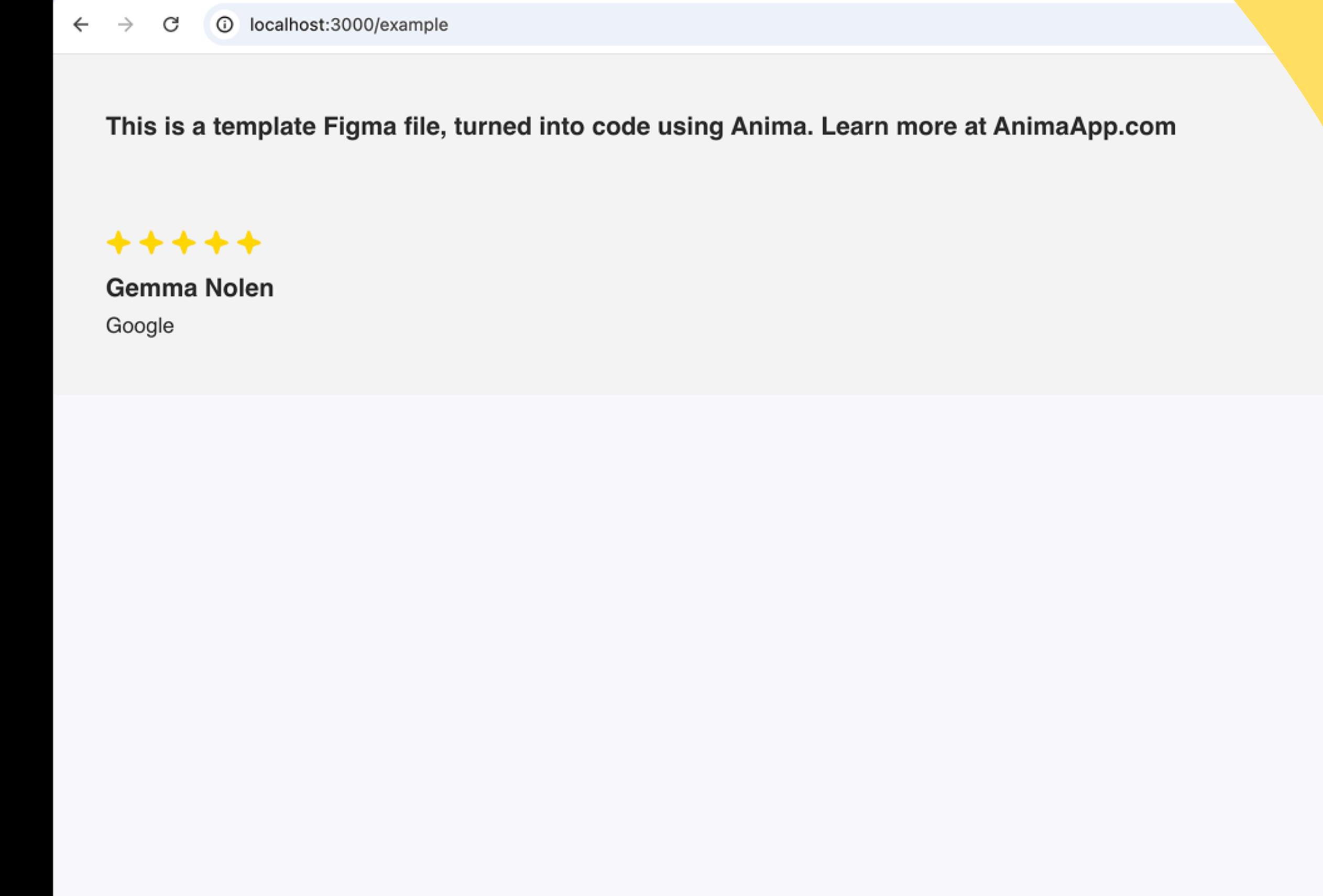
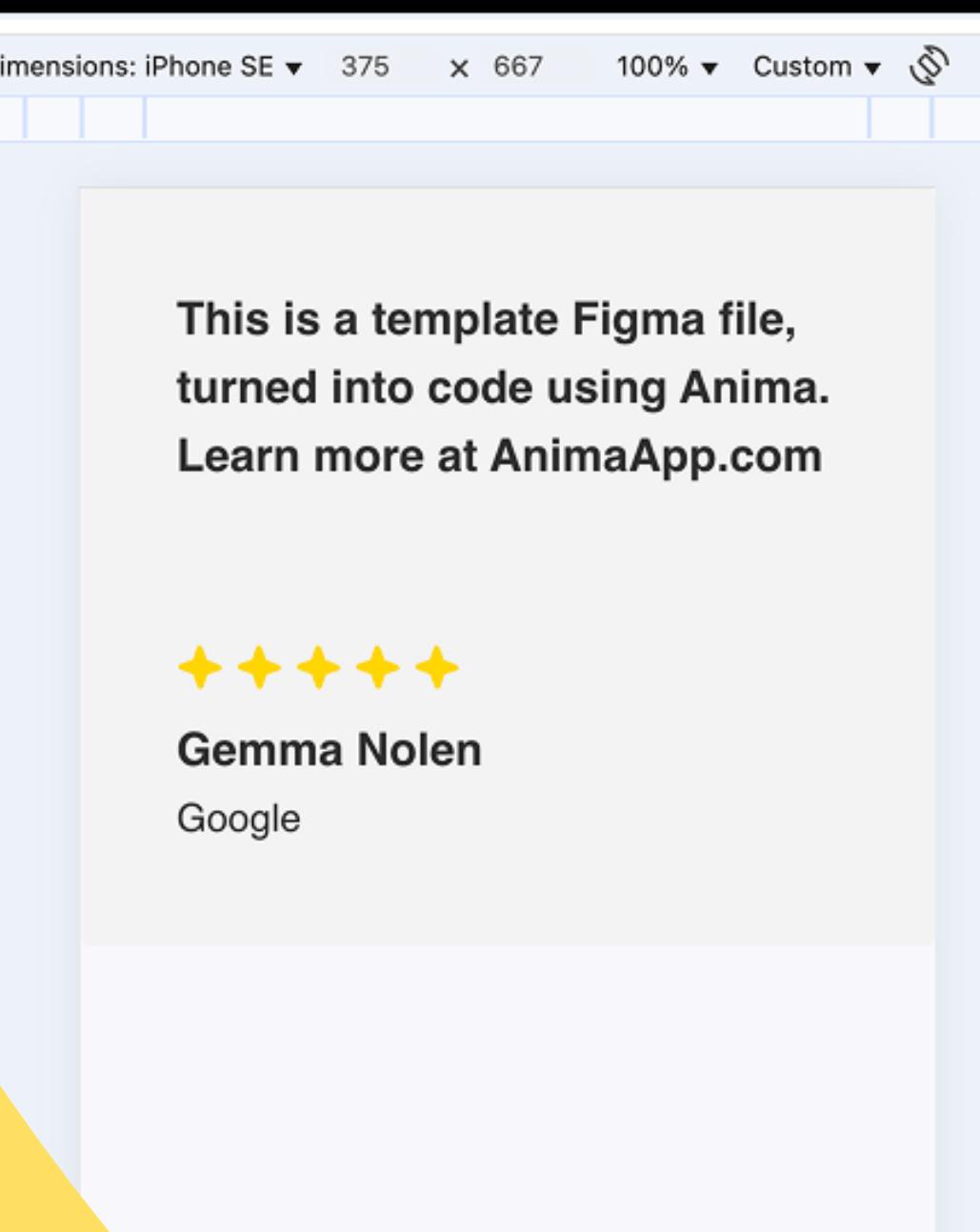
## Configure Cursor

```
{  
  "mcpServers": {  
    "Figma": {  
      "url": "http://127.0.0.1:3845/mcp"  
    }  
  }  
}  
| TAB to jump here  
|⌘L to chat, ⌘K to generate
```

# 3

## Prompt (Arguably, a good prompt)





Figma File Edit View Object Text Arrange Vector Plugins Widgets Window Help

Portfolio template - Edit this port X +

Portfolio template - Edit this... Drafts

File Assets Q

Pages +

Cover

Portfolio template

Components

Layers

T It's fully responsive! Adjust the browser

Group 836

Read me

Read me

Note

Header Section

Portfolio-Template

Navigation

Header Section

Logo Bar

Skills Section

Gallery Section

Testimonial Section

Contact Section

ma + Anima

opening from view.

GIF/Lottie

any code in

Project title UI, Art direction

600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900

Built with Anima & Figma - Anima converts design to code, automatically

Portfolio-Templat

Logo

About Work Contact

Branding | Image making

# Visual Designer

This is a template Figma file, turned into code using Anima. Learn more at AnimaApp.com

Contact



Google

Nike

SAMSUNG

Apple

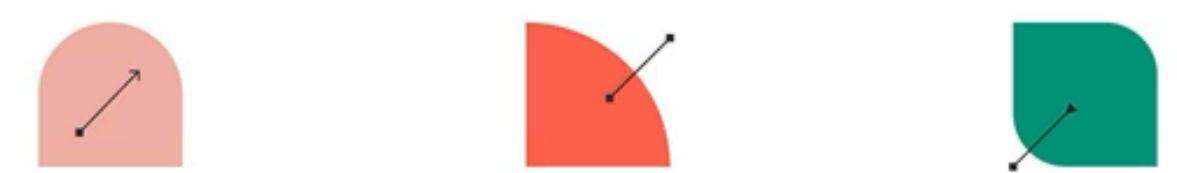
adidas

Product Design

Visual Design

Art Direction

Latest work



This is a template Figma file, turned into code using Anima. Learn more at AnimaApp.com

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Header Section

Branding | Image making

# Visual De

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Contact

Contact

D Share

Design Prototype 50%

Page E5E5E5 100 %

Variables

Styles

Text styles

Ag H1 · 100/Auto

Ag H2 · 32/42

Ag Subtitle · 20/30

Ag Body text · 17/27

Ag H1 - Mobile · 65/Auto

Ag H3 · 27/42

Color styles

Black

White

Green

Red

Pink

Grey

Yellow

Export

Hi there. Any thoughts about the Dev Mode MCP you'd like to share with us?

Your spiciest take, your most urgent wish, etc?

Next



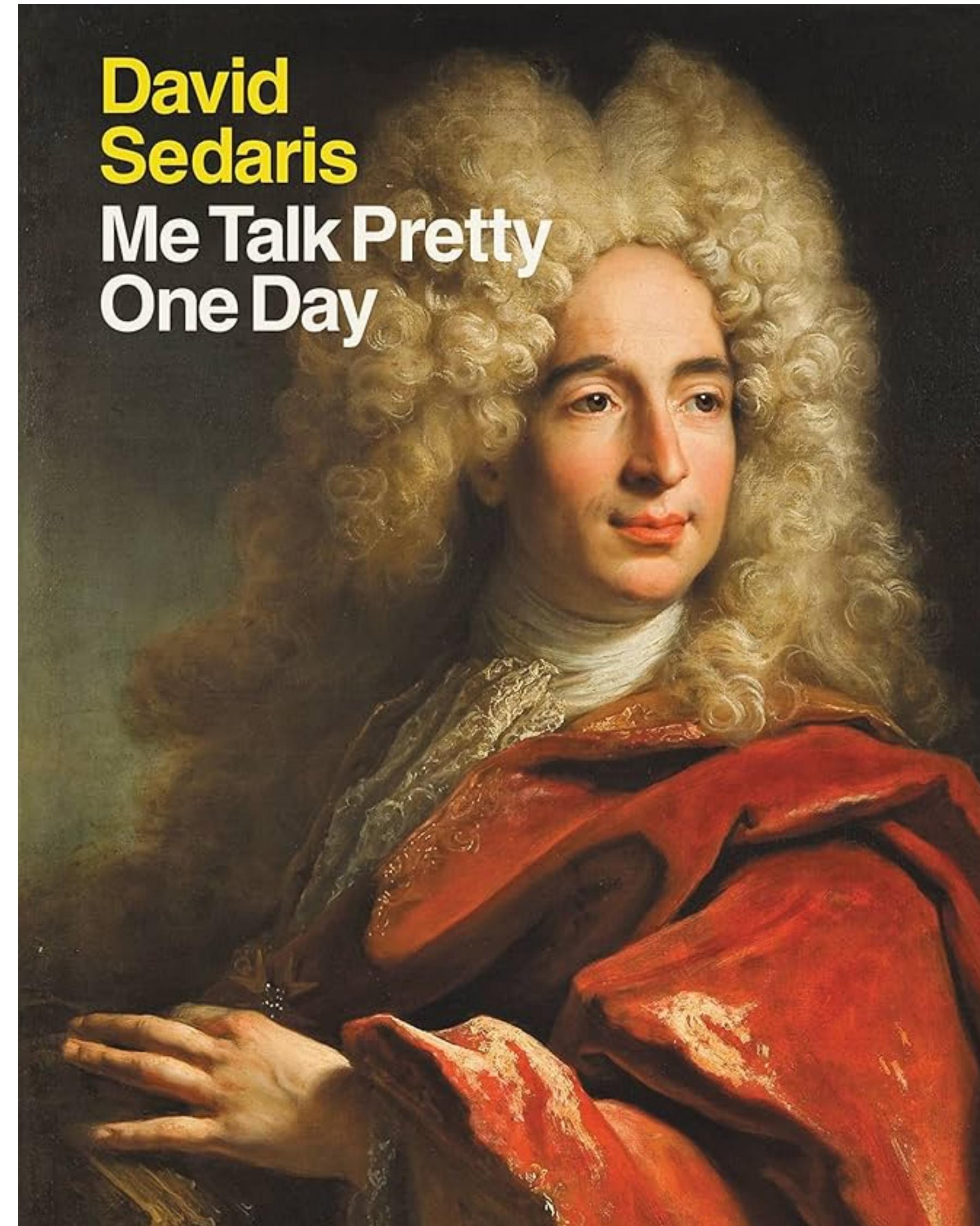
# Me Prompt Good One Day

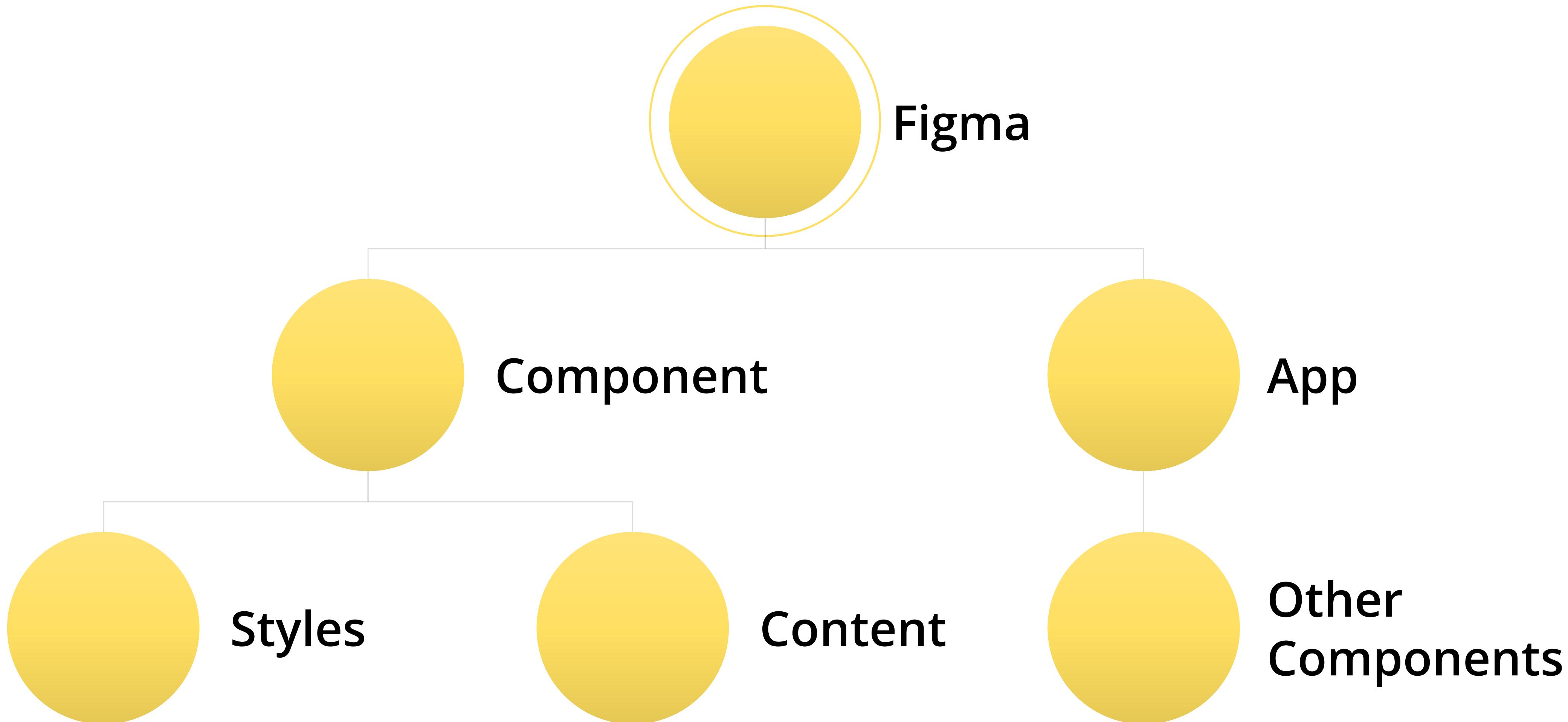
## Context

- Design intent
- Component hierarchy
- Naming conventions
- Framework constraints
- Codebase norms

## Expectations

- Desired format
- Level of completeness
- Fidelity

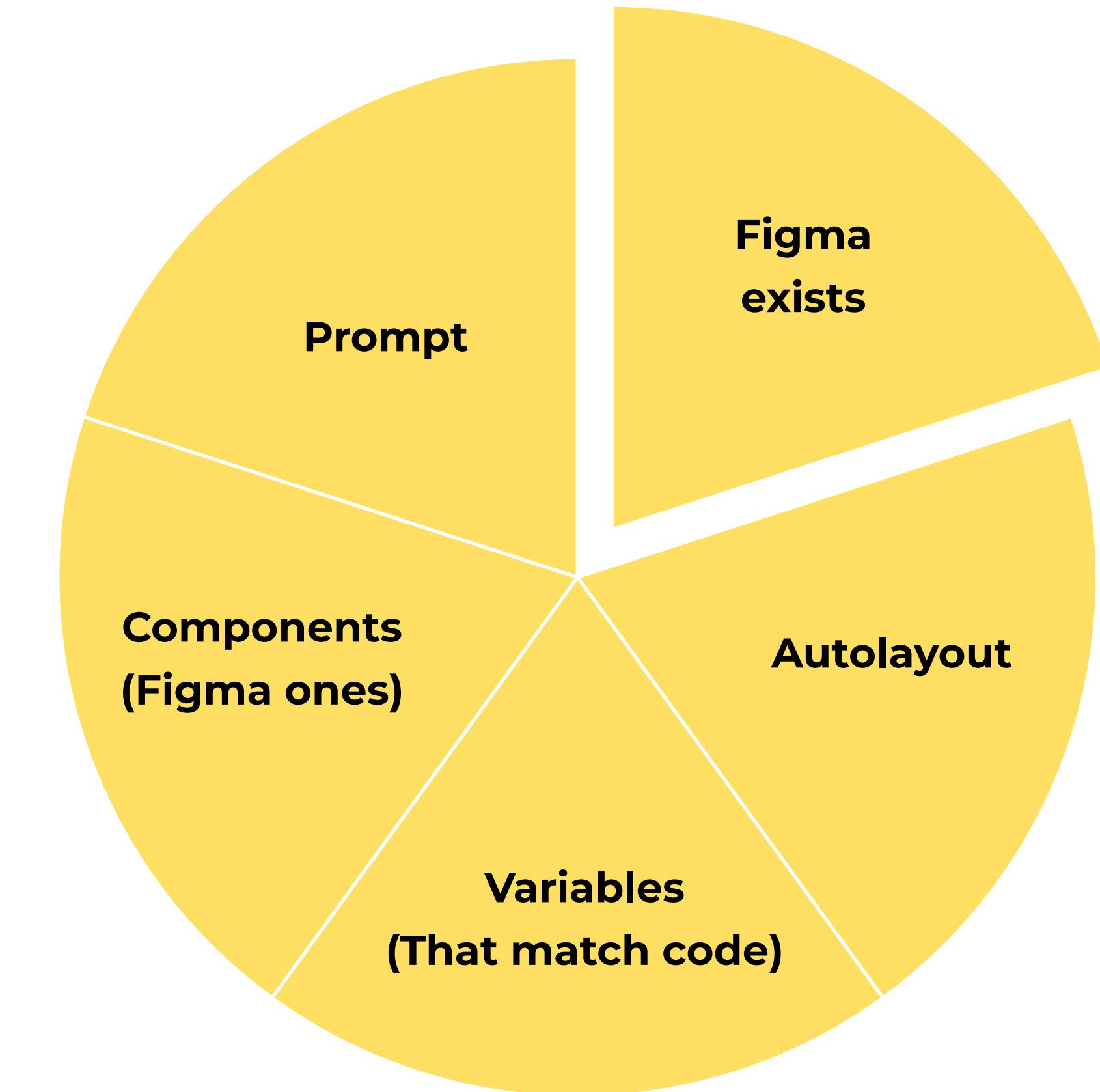




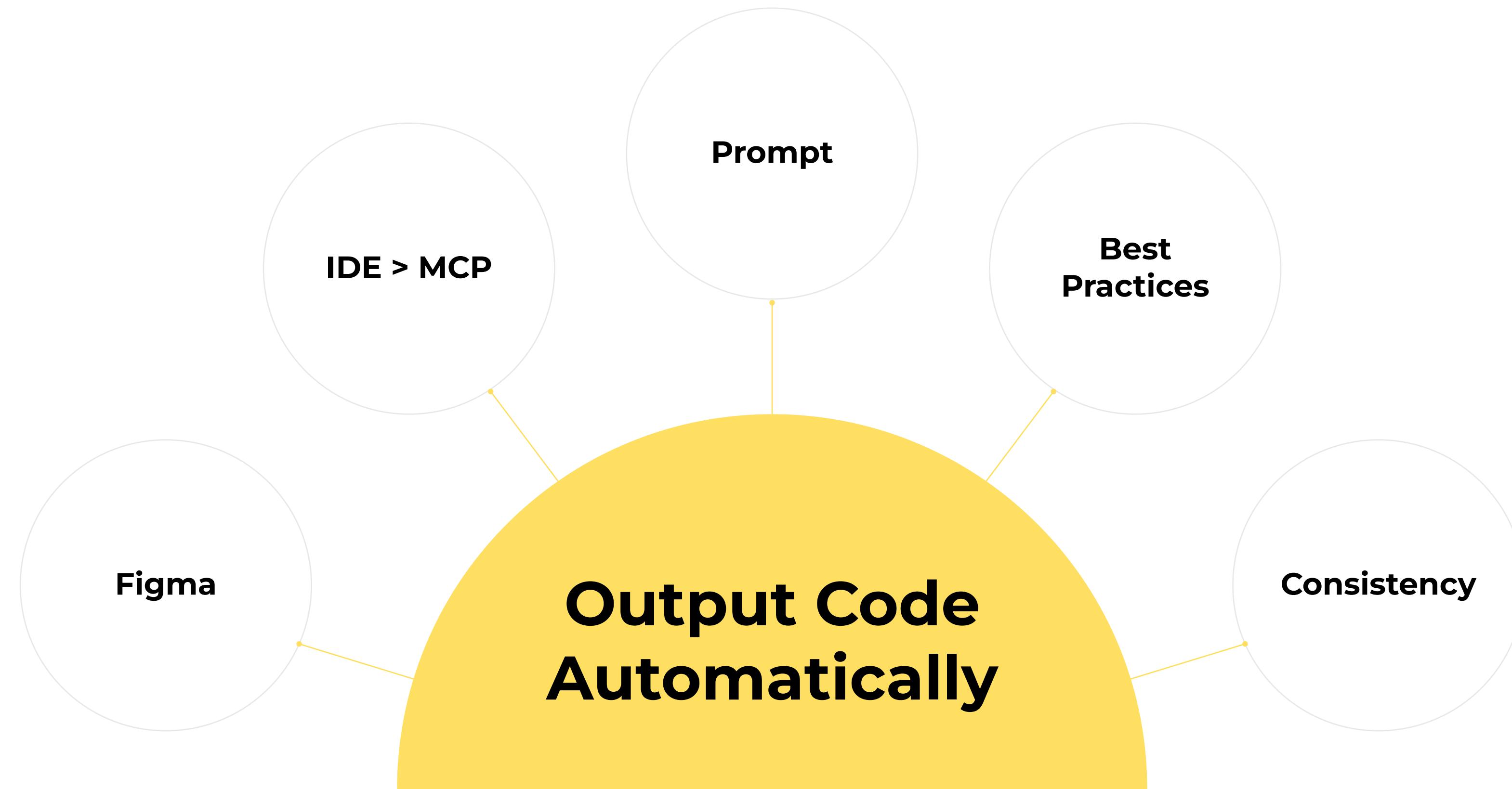
# The Law of Diminishing AI Returns

If **F** = Figma input quality (0-1),  
and **P** = Prompt quality (0-1),  
Output Quality (**O**) can be expressed as:

$$O = 0.8 \times (F \times P)$$



# Maslow's Radial of Needs



# But, wait....





**Shuffle,  
Box,  
Shuffle  
Shuffle**

# Humans don't have a rules file

(Cursor does tho)

- Use Tailwind utility classes for consistent styling, with custom CSS only for special cases (e.g., layout, spacing, color, typography)
- Use Tailwind variants (e.g., sm:, md:, lg:, hover:, focus:, dark:) in markup
- Embrace Tailwind v4 features like container queries and CSS variables
- Keep `tailwind.config.ts` updated with design tokens and purge paths
- Rely on Tailwind classes rather than inline styles or external CSS files for a unified design language

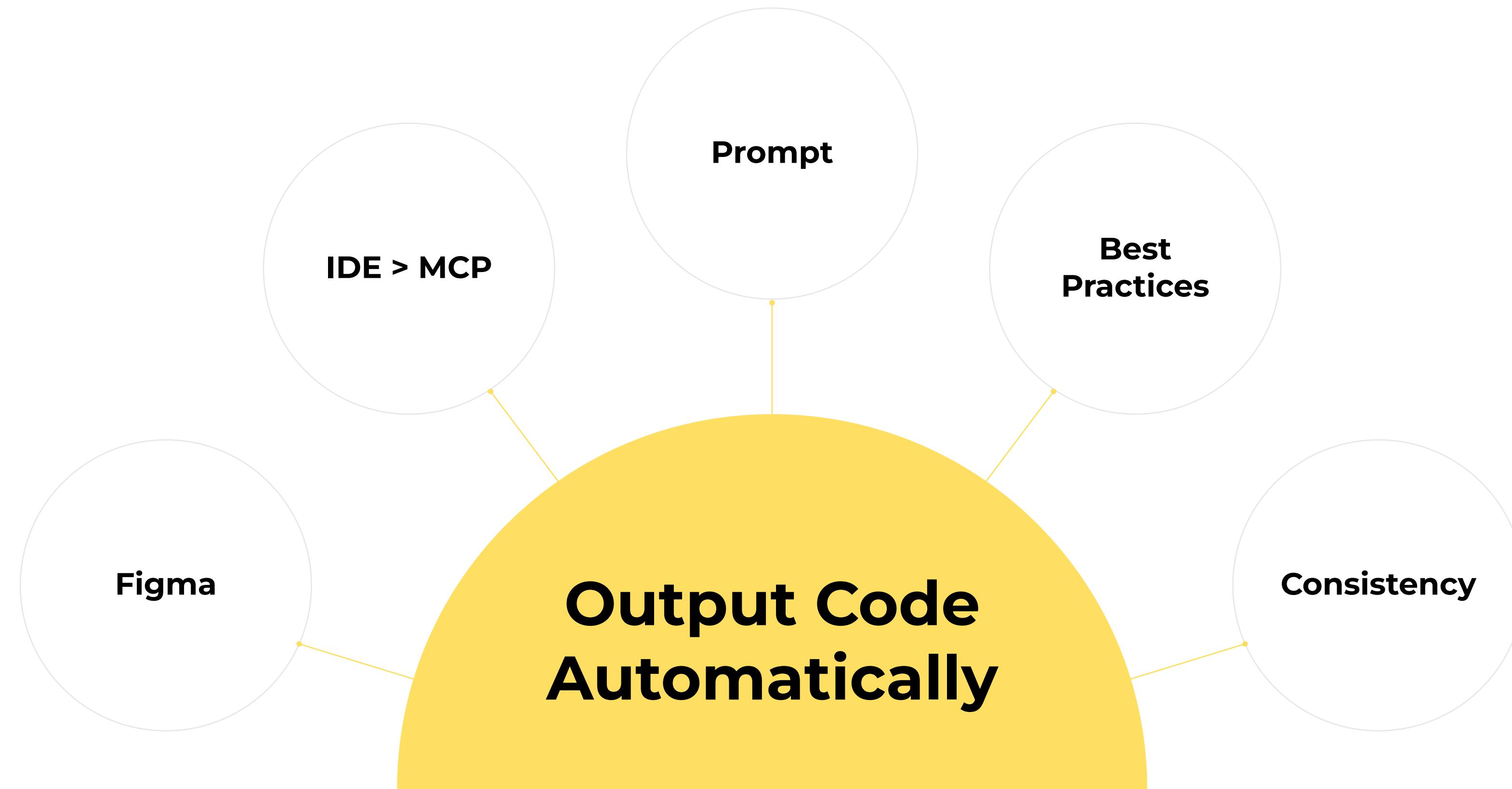
## ## Configuration (CSS Files)

- Use the `@theme` directive to define custom design tokens like fonts, breakpoints, and colors
- Prefer modern color formats such as `oklch` for better color gamut support, defining them in the `:root`

<https://x.com/kregenrek/status/1897394160124223769/photo/1>

 Copy

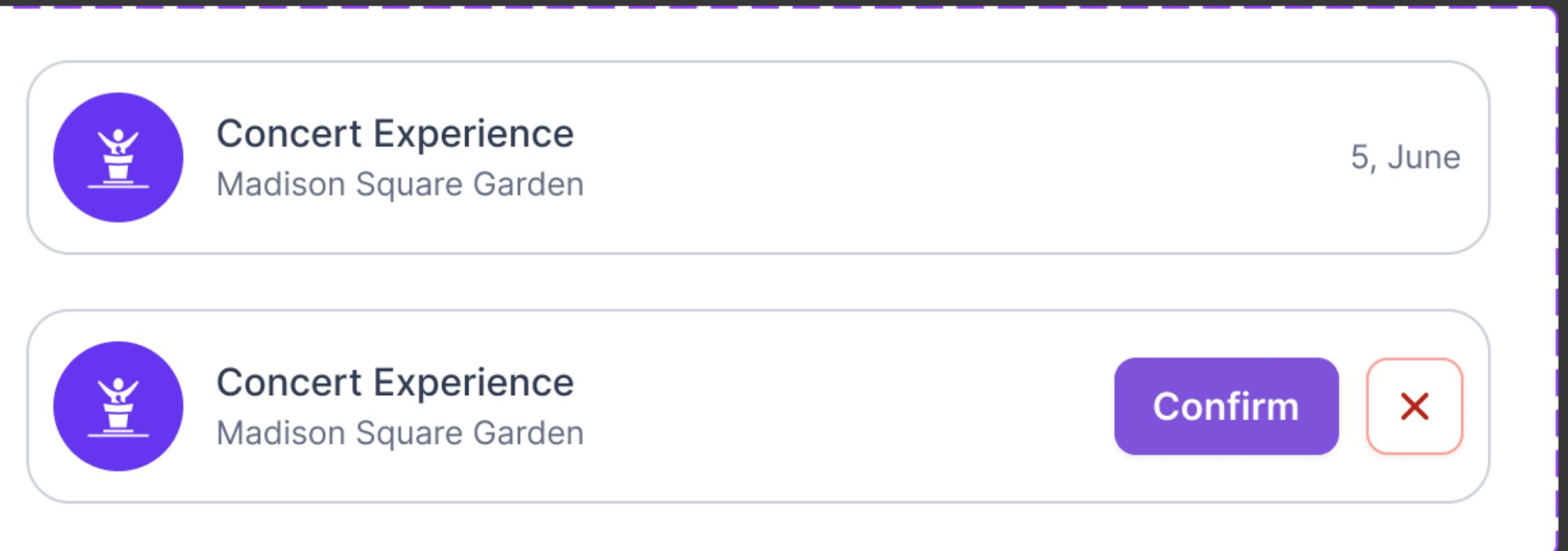
# Go forth and automate



# Let's Play

<https://www.figma.com/design/xqZRHFrfqzgm85o6magJpp/UI-Interactions-%E2%80%93-Free---Seamless-Micro-Animations-for-Better-UX--Community-?node-id=0-1&t=d7Gp6VLiEsU8QnfD-1>

## ❖ List Items



# Resources

## Nice Quote on MCPs

"MCPs are other people's prompts and other people's APIs."

- [Source](#)

## Docs and Videos

[Guide to the Dev Mode MCP Server](#)

[Figma Code Connect](#)

[Create code from designs with the Dev Mode MCP server | Figma](#)

## Figmas

[Portfolio Template by Anima](#)

[UI Interactions](#)

# Thank you!

**@dandenney**

On most of the things

\* LinkedIn has the 🍺

