

How We Built the

ProcessPRO Website

A Complete Visual Guide for Beginners

No coding experience required

■ Beginner Friendly

■ Visual Learning

■ ~15 min read

Learn where the pieces came from and how they fit together.

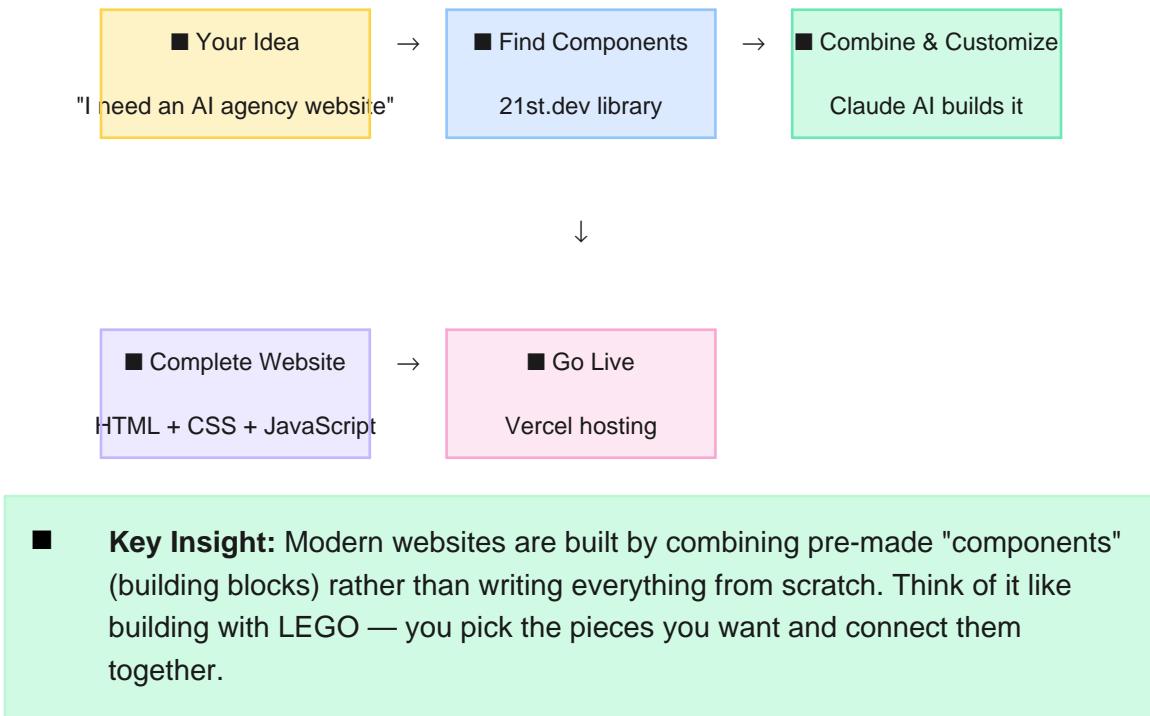
Table of Contents

- 1. What Did We Build?** — Overview of the project
- 2. Key Terms Explained** — Glossary for beginners
- 3. Where Components Came From** — 21st.dev component library
- 4. Website Anatomy** — Structure breakdown
- 5. How Components Connect** — Mapping sources to sections
- 6. The Build Process** — Step-by-step creation
- 7. Making It Live** — Deployment to Vercel
- 8. What You Can Do Next** — Further learning

1 What Did We Build?

We created a professional website for ProcessPRO, an AI and automation agency. The website has animated backgrounds, interactive effects, and a modern dark design.

The Big Picture: From Idea to Live Website



2 Key Terms Explained

Before we dive in, let's make sure you understand the words we'll be using. Don't worry — these are simpler than they sound!

■ Component

A reusable piece of a website, like a button, navigation bar, or animated background. Components are the "building blocks" of modern web design.

■ HTML

The language that defines what's ON a webpage — the text, images, buttons, and structure. Think of it as the "skeleton" of a website.

■ CSS

The language that defines what a webpage LOOKS LIKE — colors, fonts, spacing, and layout. Think of it as the "skin and clothing" of a website.

■ JavaScript

The language that makes websites INTERACTIVE — animations, button clicks, moving particles. Think of it as the "brain and muscles" of a website.

■ 21st.dev

A library website where developers share beautiful, ready-to-use components. It's like a furniture catalog for websites — you browse, pick what you like, and use it in your project.

■ Claude AI

An AI assistant that can write code, combine components, and build complete websites based on your description.

▲ Vercel

A platform that "hosts" websites — meaning it stores your website files on powerful computers that make them accessible to anyone on the internet, 24/7.

■ GitHub

A website where developers store and share code. Think of it as Google Drive, but specifically designed for code files.

3 Where the Components Came From

We didn't build everything from scratch. We used beautiful pre-made components from 21st.dev — a library of React components created by talented designers.

What is 21st.dev?

21st.dev is an open-source component library. Developers upload beautiful, animated UI components that anyone can use for free. It's like a recipe book for web design — each "recipe" (component) comes with the exact code you need.

Why Use Component Libraries?

■ Building from scratch	■ Using component libraries
Takes days or weeks to create animations	Get professional animations in minutes
Need deep knowledge of CSS and JavaScript	Code is tested and ready to use
Risk of bugs and compatibility issues	Just customize colors and text
Time spent on solved problems	Focus on making it yours

The 5 Components We Used

1. ASMR Static Background

Interactive particle system with magnetic vortex effect that responds to mouse movement.
`asmr-background.tsx`

2. Text Scramble

Text that scrambles through random characters on hover, then reveals the real text.
`text-scramble.tsx`

3. Let's Work Section

Elegant call-to-action with hover animations and booking button transition.
`lets-work-section.tsx`

4. Google Gemini Effect

Scroll-animated SVG paths that draw themselves as you scroll down the page.
`google-gemini-effect.tsx`

5. Dot Loader

Animated 7x7 grid of dots that light up in patterns, creating a "processing" effect.

`dot-loader.tsx`

4 Website Anatomy

Let's look at the structure of the ProcessPRO website. Every professional website has distinct "sections" that serve different purposes.

Website Section Breakdown

■ Navigation Bar	Logo + menu links + CTA button
■ Hero Section	Big headline + tagline + main buttons
■ Services Grid	6 cards explaining what you offer
■ Process Steps	How you work (timeline/steps)
■ Call-to-Action	"Let's work together" section
■ Footer	Links + copyright + contact

What Each Section Contains

■ Navigation Bar (Always Visible)

- Logo — Triple chevron icon + "ProcessPRO" text
- Menu Links — Services, Process, About, Contact
- CTA Button — "Book a Call" button

■ Hero Section (First Impression)

- Availability Badge — Green dot + "Available for Projects"
- Main Headline — "Automate Everything. Scale Infinitely."
- Subtitle — One sentence explaining what you do
- Two Buttons — "Start Your Project" + "See Our Work"
- Particle Background — Interactive floating particles

■ Services Section

- AI Workflow Automation
- Custom Integrations
- Intelligent Chatbots
- Document Processing

- Predictive Analytics
- Process Optimization

5 How the Components Connect

Each component from 21st.dev was adapted and placed into a specific section of the website. Here's the mapping:

Component → Website Section Mapping

Source Component	Used In	Purpose
ASMR Background	Entire Website	Background layer (z-index: 0)
Text Scramble	CTA Section	The word "intelligent"
Let's Work Section	CTA Section	Title + button styling
Dot Loader	CTA Section	Loading indicator animation
Gemini Effect	Design Inspiration	Gradient color paths

Code Transformation Example

Here's how the original component code was adapted. The colors were changed from the original to match ProcessPRO's brand:

```
/* BEFORE (Original from 21st.dev) */
this.color = isGlass ? '240, 245, 255' : '80, 80, 85';

/* AFTER (Customized for ProcessPRO) */
this.color = isGlass ? '74, 227, 227' : '139, 92, 246';
// Cyan (#4ae3e3) // Purple (#8b5cf6)
```

■ The ProcessPRO Color Palette

Background: #0a0a0c (near black) • **Cyan:** #4ae3e3 • **Purple:** #8b5cf6 • **Text:** white with varying opacity

6 The Build Process (Step by Step)

Here's exactly how the website was created, from your initial request to the final product.

Step 1 ■ You Provided the Brief

"Build an AI and automation website... ProcessPRO... blend the best of all components... clean and simple."

Step 2 ■ I Analyzed the Component Files

Read through the 5 component files you attached, understanding what each one does and what code it contains.

Step 3 ■■ I Studied Your Brand Image

Looked at the ProcessPRO logo image to understand the brand aesthetic — dark background, neural network visual, cyan + purple colors.

Step 4 ■ I Planned the Structure

Decided on 6 sections: Navigation, Hero, Services, Process, CTA, Footer. Mapped which components go where.

Step 5 🖥 ■ I Wrote the Code

Created one HTML file containing all the HTML structure, CSS styling, and JavaScript interactivity. Combined all 5 components into a unified design.

Step 6 ■ I Customized for ProcessPRO

Changed colors to match your brand, wrote custom copy for services, added your logo design, ensured everything feels cohesive.

Step 7 ■ I Delivered the File

Saved the complete website as a single HTML file (`processpro.html`) that you can open in any browser or deploy to Vercel.

The File Structure

For this simple website, everything lives in ONE file:

■ processpro/

■■■ ■ index.html

← Everything is here!

7 Making It Live (Deployment)

Your website file needs to be "hosted" on a server so anyone can visit it. Vercel makes this incredibly easy — even for non-developers.

What is Vercel?

Vercel is a cloud platform that hosts websites. When you upload your files to Vercel, it stores them on powerful computers around the world. When someone types your website address, Vercel serves your files to their browser instantly.

Deployment Options

1. Option A: Drag & Drop (Easiest)

Go to vercel.com/new, drag your project folder onto the page, and click Deploy. Done! You'll get a URL like processpro.vercel.app

2. Option B: Connect to GitHub (Professional)

Push your code to GitHub, then connect your GitHub repo to Vercel. Every time you update your code, Vercel automatically updates your live website.

3. Option C: Command Line (Advanced)

Install the Vercel CLI tool, run 'vercel' in your project folder. The terminal walks you through the rest.

Deployment Flow



- ■ **Custom Domain:** To use a custom domain like processpro.ai, you'll need to purchase the domain and configure DNS settings. Vercel provides step-by-step instructions once you're in the dashboard.

8 What You Can Do Next

Now that you understand how the website was built, here are ways to expand your skills and customize further.

■ Customize Your Website

You can ask Claude to modify:

- Change the color scheme (different accent colors)
- Update the services and descriptions
- Add new sections (testimonials, case studies, team)
- Change fonts and typography
- Add your real email and booking link

■ Learn More About Components

Browse these resources to find more building blocks:

- [21st.dev](#) — Where our components came from
- [ui.shadcn.com](#) — Clean, accessible components
- [ui.aceternity.com](#) — Animated components
- [magicui.design](#) — Magical UI effects

■ Scale to a Full Application

When you're ready for more pages and features:

- [Next.js](#) — React framework for multi-page sites
- [Astro](#) — Fast static site generator
- [WordPress](#) — If you want a CMS for easy editing

■ Pro Tip: Save Your Prompts

Keep a document of what you asked Claude to build. This becomes your "recipe" that you can refine and reuse for future projects!