

Here are **website design prompts** that focus specifically on using **HTML, CSS with Flexbox, and JavaScript**. These are ideal for building real-world skills with front-end web development tools — no frameworks, just the core technologies.

□ **Beginner Projects (HTML + CSS Flex)**

1. **Responsive Personal Profile Card**
 - Create a centered profile card layout with Flexbox.
 - Include a profile image, name, bio, and social media links.
 - Add a "Follow" button that changes color when hovered.
 2. **Landing Page for a Product**
 - Use Flexbox for layout: a header, a hero section, 2–3 feature blocks, and a footer.
 - Make it responsive for mobile and desktop.
 - Add smooth scrolling using anchor links.
 3. **Simple Pricing Table**
 - Design three pricing cards (Free, Standard, Pro) aligned using Flexbox.
 - Highlight the middle card.
 - Hover effects reveal additional features.
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□ **Intermediate Projects (HTML + CSS Flex + JavaScript)**

4. **Image Slider (Carousel)**
 - Layout images side by side using Flexbox.
 - Use JavaScript to scroll left/right with next/previous buttons.
 - Auto-play the slides every 3 seconds with pause on hover.
 5. **To-Do List Web App**
 - Use Flexbox to lay out the form and list.
 - JavaScript to add, mark as complete, and delete tasks.
 - Store tasks in localStorage to persist after refresh.
 6. **FAQ Accordion**
 - Design a vertical list of FAQs using Flexbox.
 - Use JavaScript to expand/collapse answers when the question is clicked.
 7. **Responsive Navigation Bar with Toggle Menu**
 - Use Flexbox to layout a horizontal nav bar.
 - Add a hamburger menu for small screens.
 - Use JavaScript to toggle nav visibility.
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□ **Advanced Projects**

8. **Weather Dashboard**

- Use Flexbox to layout a search input and weather cards.
 - Fetch real-time weather data from an API like OpenWeatherMap.
 - Display temperature, weather icons, and 5-day forecast.
9. **Recipe Finder Website**
- Use Flexbox for layout: search bar, recipe results grid.
 - Fetch recipe data from an API (e.g., Spoonacular).
 - JavaScript for fetching, displaying, and filtering recipes.
10. **Drag-and-Drop Kanban Board**
- Use Flexbox to layout three columns (To Do, In Progress, Done).
 - JavaScript for drag-and-drop between columns.
 - Store state in localStorage.
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□ **Bonus Challenges**

- Create a responsive **Flexbox photo gallery** with hover overlays.
- Make a **calculator app** using buttons styled with Flexbox.
- Build a **clock or countdown timer** with Flexbox-centered layout and live JavaScript updates.
- Redesign a website's homepage (like Wikipedia) using Flex and vanilla JS for interactivity.