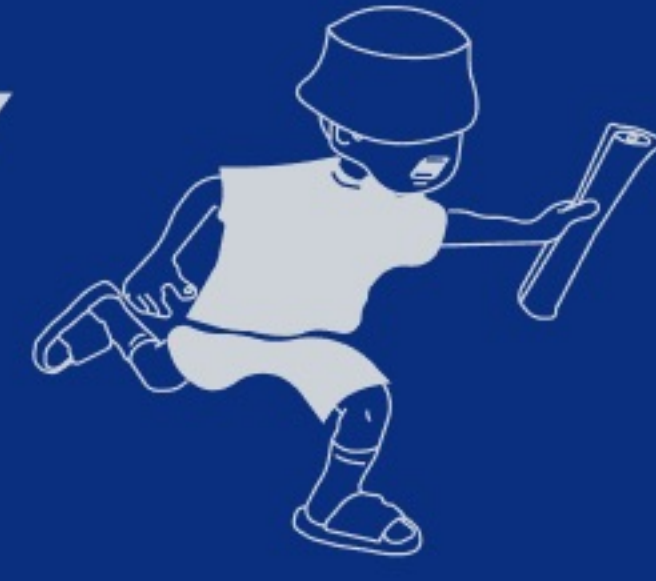
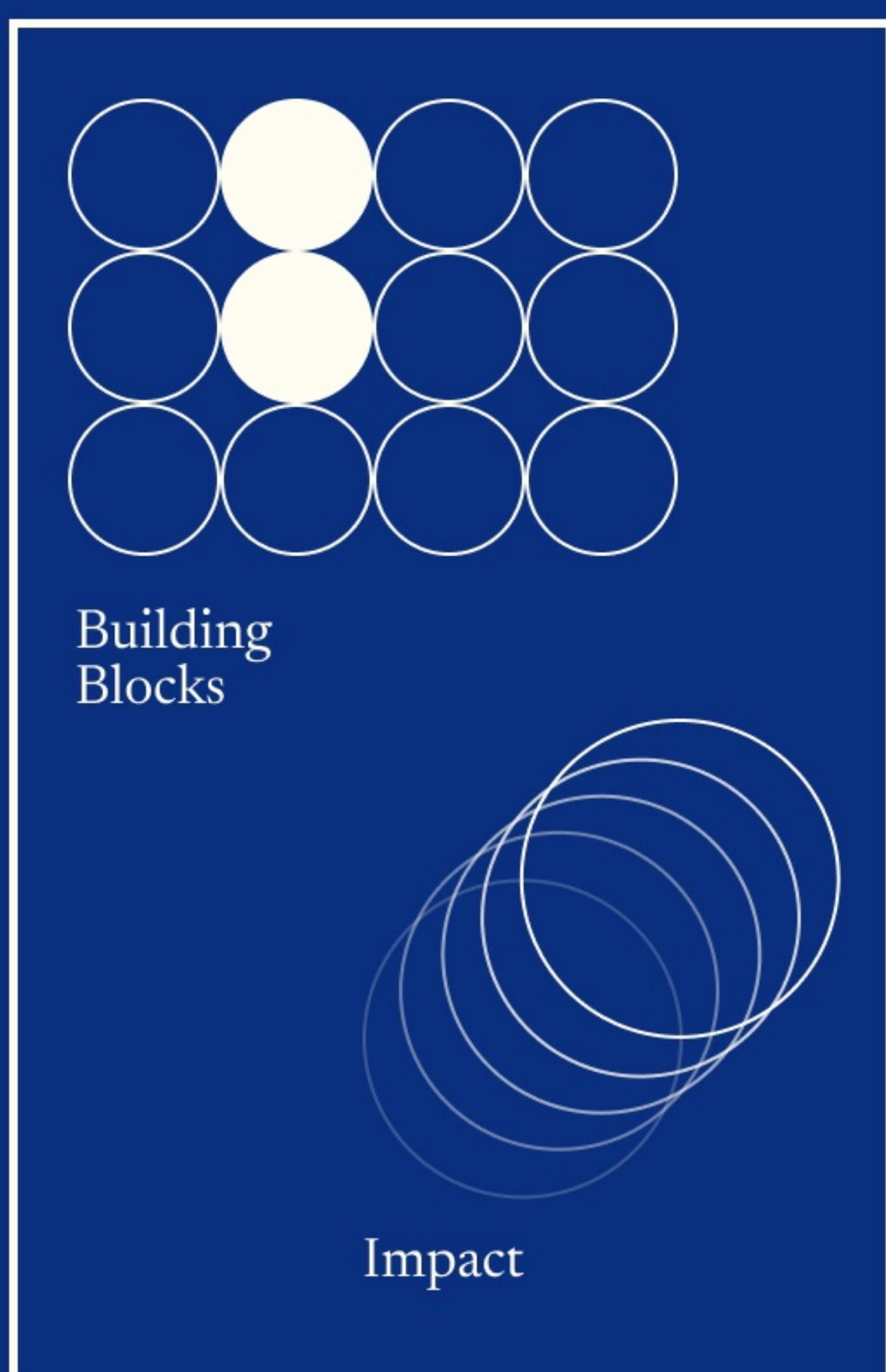


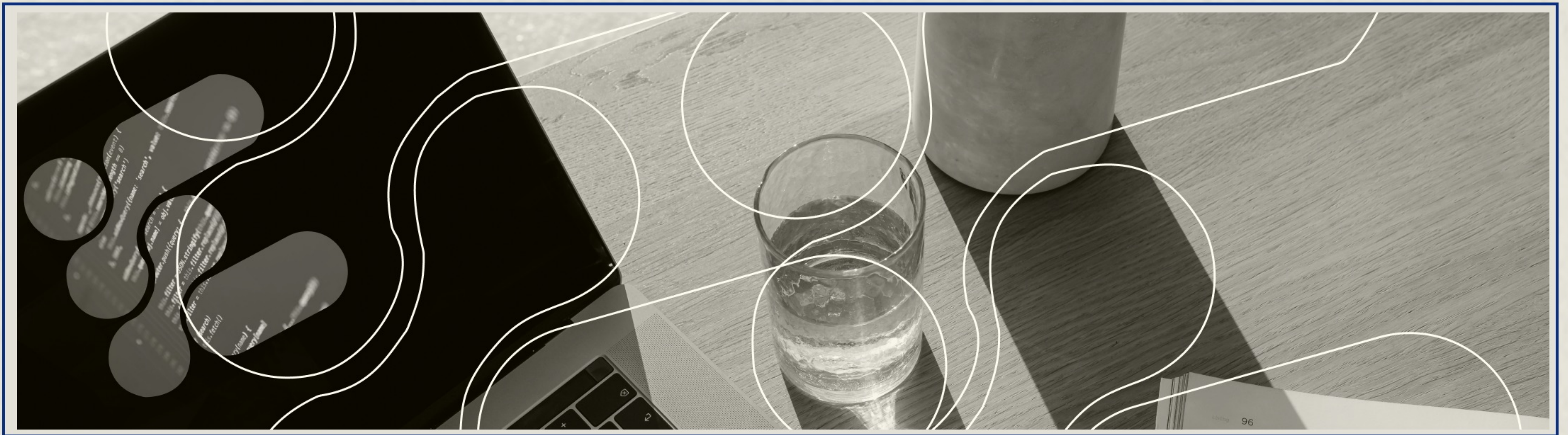
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SEP, 2023







# Revolutionizing Web Design: Independence With Micro Frontends

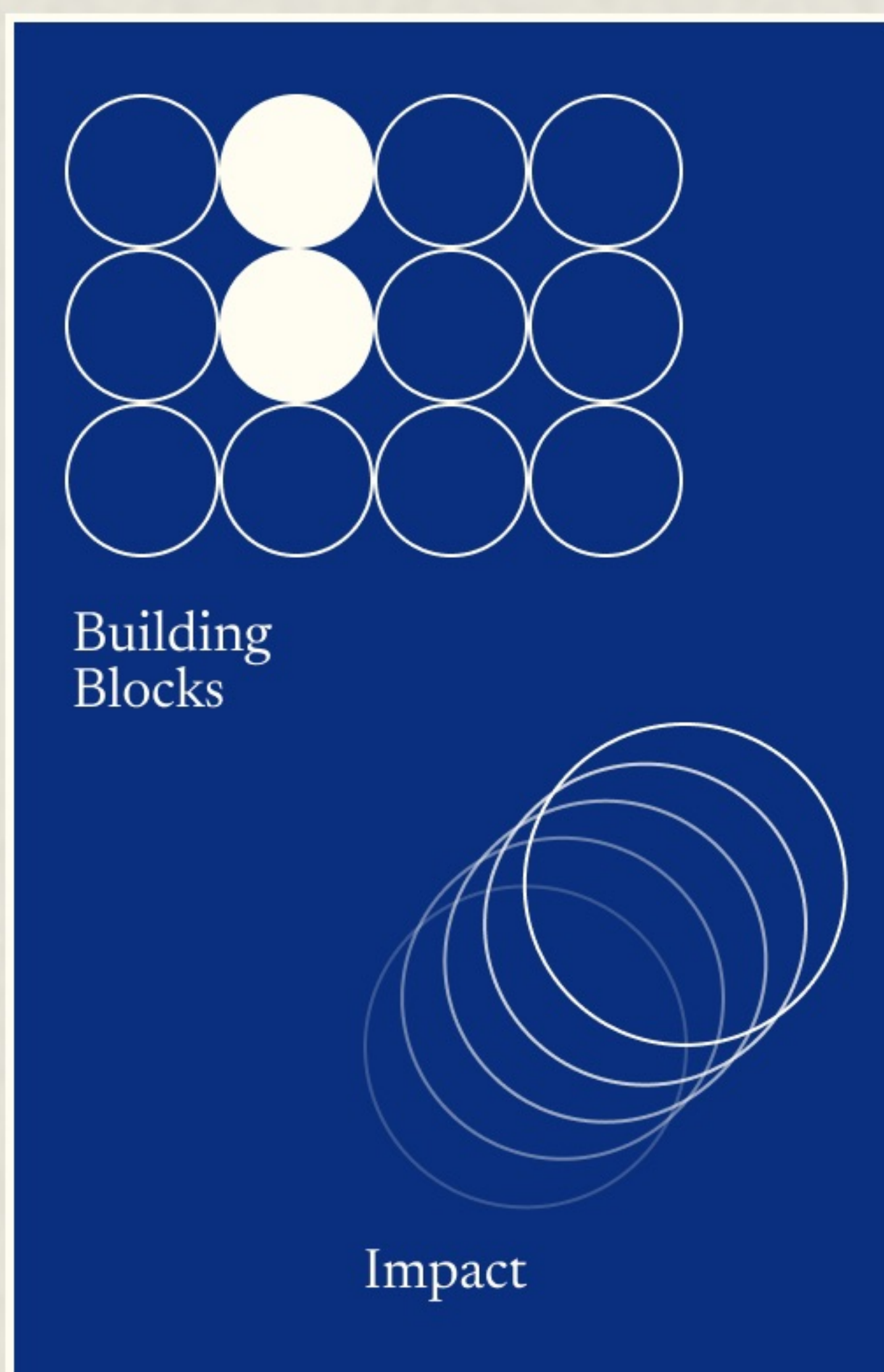
Micro frontend is an architectural paradigm transforms the way we create and maintain web applications, enhancing modularity, scalability, and manageability. It applies microservices principles to the frontend, breaking down monolithic structures into independently deployable units. Unlike traditional monolithic approaches, micro frontends enable separate development, testing, and deployment of specific functionalities or features. Ideal for large, complex projects involving multiple development teams, micro frontends offer a competitive edge in the dynamic realm of web development. ***Implementation of Micro Frontends involves various techniques and technologies:***

- 1- Server-Side Includes (SSI): Dynamically compose the final HTML page by including Micro Frontends during runtime, simplifying the integration of independent frontend modules.

2- JavaScript Micro Frontends: Utilize JavaScript to load and render Micro Frontends on the client side, leveraging technologies such as Web Components, React, or Vue.js. Each Micro Frontend can be a self-contained JavaScript bundle seamlessly integrated into the overall application.

3- iFrames: While less common, use iFrames to embed Micro Frontends into a parent application, providing isolation but requiring careful consideration of communication between iframes.

Considering the advantages Micro Frontends offer, embracing this architectural pattern is a way for achieving a more scalable and maintainable frontend. Stay competitive and agile in the ever-evolving landscape of web development by adopting Micro Frontends as the key to success.



# Elevate Rankings, Enhance UX in Dynamic Websites with *JavaScript* *SEO*

JavaScript has undoubtedly transformed the web into a dynamic and interactive medium, but it brings along a set of SEO challenges. By implementing best practices such as server-side rendering, progressive enhancement, dynamic rendering, hydration, incorporating structured data, and maintaining SEO-friendly URL structures, you can ensure that your JavaScript-powered website ranks well in search engine results.



Each of these strategies not only facilitates better indexing by search engines but also enhances the overall user experience. Remember, the end goal of SEO is not just to improve rankings but also to make your website more accessible and usable to your audience. With these optimizations in place, you can achieve the delicate balance between a rich user interface and robust SEO performance, thereby ensuring that your website stands out in the increasingly competitive digital landscape.

# Your UI isn't a Disney Movie

**Disney Movie**  
Animation is like cursing. If you overuse it, it loses all its impact.

If you begin to hear team members talk of UI animation using terms such as ‘delighting’ the user, your ‘design smell’ alarm bells should probably start going off. Animation for animation’s sake is (almost always) poor design. Remember, less is more with regard to animation.

By Sophie Paxton.

Don't let your animations get in your user's way. There's a reason why an airplane's navigational UI doesn't use any animation. Adding an unnecessary 300ms animation to your UI probably won't kill anyone, but it will annoy your users far more than it will 'delight' them!

## Final Thoughts

### Final Thoughts

By all means use animation in your UI. Use it as a high-bandwidth way to quickly communicate important information. Favor functional over purely aesthetic animation, and value those precious milliseconds your users are devoting to your UI.

