

## Web Development Project

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Paperie

### About the Project

The project, *Paperie*, is a client-based website developed for a business that specializes in designing and selling bespoke cards, accessories, and event-related items for weddings, birthdays, and other special occasions. The primary goal was to create a visually appealing, SEO-friendly, and performance-optimized site that aligned with the client's aesthetic and functional needs.

### Key Learnings

- This was my first experience working with a tech stack that included **Next.js**, **Tailwind CSS** components. It was a challenging and an opportunity to learn something new. I was able to expand my skillset beyond normal css and html
- We used **Git** extensively throughout the project, and this helped sharpen my version control skills—especially around handling branches, merges, and collaborative development.. this is also made it easier to share large projects and integrate fixes faster
- Throughout the project, I significantly improved my ability to **read and understand documentation efficiently**. Since I was working with new technologies, I had to rely heavily on official docs, forums, and community resources to troubleshoot and implement features

### Challenges Faced

- Working with multiple unfamiliar technologies meant a lot of learning . I had to dive deep into documentation and leverage community resources to overcome roadblocks.
- **Next.js** introduced a completely different routing paradigm compared to standard React. Since **Create React App (CRA)** is now deprecated and client-side rendering poses SEO challenges, using Next.js became essential. Its built-in support for **Server-Side Rendering (SSR)** improved both site performance and search engine visibility—two key requirements from the client.
- **Tailwind CSS** was a major shift from traditional CSS. Its utility-first approach took some time to get used to, but once I got the hang of it, it significantly improved the speed and scalability of my UI development.