

Sidify Store - ABSTRACT

Sidify Store was a very fun project to build, and I learnt a lot during the way. It is an ecommerce store web application where people can buy high-quality clothes.

I used HTML, Tailwind CSS, Shadcn/UI, TypeScript and Next.js for the Front-End and then, Node.js, Sanity Studio and Stripe for the Back-End.

In today's world, the world is moving towards online platforms, and gone are the days where one would have to queue in a long line to make payments. Right now, settling accounts no longer requires one to go to the bank but one can just take their smartphone or computer, and settle their account. The world of shopping has been revolutionized through the advent of online shopping. People no longer have to leave the comfort of their own house, face heavy traffic jams on the highway and come back late, tired from all the shopping. Everything can now be done online with just a click of a button.

My web application enables people to shop for clothes and shoes online, without leaving home.

During development, I enjoyed using Tailwind CSS because I no longer waste time writing selectors and classes from scratch, I just apply them on my desired 'div' tag, and it seamlessly does the magic. When I used Next.js, I learnt about components and saw that they are so much preferable than basic Vanilla JavaScript. Components divide my web application into small chunks, and they are also reusable. The UI of my application was designed using Shadcn/UI. This helped with the development time because it provided pre-packaged components like buttons, and I just had to style them how I wanted.

I started out with the navigation bar, creating and styling the name and logo of my store. And then I proceeded to work on the different links on my navbar. Those links are different pages, which, when clicked, lead to different categories of clothes. I then worked on the banner, which had two hero images and an inviting text, to catch the audience's eye. I continued until all the categories and components were completed.

The creation of the products was done in the backend, using a Content Management System called Sanity. It provides a studio of its own where I uploaded the images of my products, gave a price, description, slug, and even created a Stripe ID, which links to the correct product, so that Stripe can bill the customer correctly and accurately, without making any mistakes.

This project was the first time using Stripe. So, I learnt how to integrate Stripe into my project, and also, link it to the backend Sanity studio.

In the end, I was able to deliver a working application, where customers could make purchases.

One of the challenges I faced was to install Tailwind CSS to my project, because it has many steps to it and when I test it out and then it doesn't display on the screen as expected, I knew that something in the setup steps was not right. I come from a bootstrap background, where I

would just paste the CDN in the head section of my HTML document. But now, I have learnt a new skill that will benefit me for my future development career, which is Tailwind CSS.

Lessons Learnt:

I learnt that development is a process, and it takes time. It is not something that one does at a go and then finishes immediately. It requires patience and one to not give up.

I learnt that it is very easy to make mistakes, and so, I must always stay focused because sometimes the reason my code does not work as expected is because I have made a typo when specifying a class. This is where I would take a 10-minute walk so that I could clear my brain a bit and when I return, I would find the error to my code.

I learnt how to integrate the Stripe payment gateway system into my project, and this is the start of a journey where I will be able to create real world applications that will accept real payments.

This was a very fun project to build, and I am very satisfied with the lessons I have learned and the exposure to different technologies that exist out there. I am excited to venture into the world of development and create interesting and innovative applications.