

Concept:

In creating this website, the concept came from my background for working in sales. I have a products that are sold on a large ecommerce platform. To utilise the same images and products and descriptions was the natural choice in selecting the idea to have my own ecommerce website.

I have a rich resource of content available and this made it easy to utilise my already existing resources.

I wanted to have a website that was creative and had all my products displayed one website being the sole seller.

A large ecommerce platform with many sellers makes it difficult to showcase your product with users endlessly searching through different pages of product. It is so much better and easier to house these products on a standalone website.

Making of and thought process:

Being a complete novice in creating websites, I had to learn how to code in HTML, JavaScript and utilise React.js, Node.js and how to connect to a database. I had to learn these concepts and understand that a full stack approach had to be utilised.

It is a difficult task to undertake and understand but I had to come to terms with the different technologies and what must be in place and what must be used in order for the website to functional, look presentable and also not miss the mark of the conditions of the project.

I was constantly researching what different concepts are and how to install dependencies in VSCode in order for the website to be functional.

I had to grasp the knowledge on working in the different folders such as frontend, backend and creating an admin section that would add products to my database.

I had to code the connection and understand what was being done and how it is being communicated and having a schema in place in what information had to be stored in the database for the products and users.

Lessons learned:

Creating the concept somewhat easy. The development and the finalization phases were not easy to navigate. There was a lot of test and a lot of errors. The scripts had to be rewritten and tested to ensure nothing was broken down.

The final product is a success for a novice. Albeit not a complete website, I believe this was the best attempt for working 24 hours worth put into this website. From the start with coding to the testing and retesting.

Some tests which I wanted to implement as test cases have not worked and I was struggling to understand why.

There is much to learn about testing websites and understanding the concepts hence basic test cases were presented in the Readme file.

Learning to code in frontend was quite fun, as I could code and once coding CSS styles were done, there was a visual. I could see what it was doing and how things changed when trying different font sizes, or different colours or expanding on padding, grid boxes and margins etc. I played around with the adjustment of dynamic screens and what the content does when changing from desktops to laptops to tablets to mobile phones.

That was interesting to see and visualize what happens to the content dynamically and how it is done.

With the backend, creation of the APIs was challenging and understanding the schemas needed for products and users to see what information I wanted to have given and stored in the database.

Some information was not displayed i.e the old price and finding the solution was a challenge, one which I overcame. Going from not knowing a single thing about coding a fullstack to knowing a little bit and getting practice in was very challenging and still is but rewarding to see a product that was created.