



CODESPACE

# Portfolio Piece

SDFII

Amaan Coovadia



# INTRODUCTION

- My name is Amaan I am a aspiring developer and student at CodeSpace. For my portfolio piece I had to create a landing page for a cache bank business.
- The tech used to make the landing page are: HTML, CSS (tailwind) and JavaScript.
- The project will be in a GitHub repository. This is important as setting up a repository allows for smooth, affective, efficient collaboration between multiple people. GitHub was used as it is the most popular and has a wide array of tools and features.

## Component 1

- A mobile first design approach was used in this project. This means that you start designing and developing a website or application for mobile devices first, and then scale up the design for larger screens like tablets, laptops, and desktops. This approach allows for the user experience to be optimal on most devices non-mobile or mobile as using CSS media queries the idea is to initially style the navigation menu for mobile screens and then gradually adjust its appearance for larger screens.
- The implementation of an intuitive navigation bar using JavaScript and Tailwind CSS for dynamic resizing and toggling on various devices allows for an adaptive, fluid, responsive user experience as, this approach leverages Tailwind CSS's responsive design capabilities alongside JavaScript's interactivity to create a navigation bar that adjusts dynamically, enhancing usability on various devices.
- Semantic HTML5 elements provide a clearer structure to web documents and enhance accessibility by providing meaningful information about the content they enclose.



## Component 2

- The use of endorsements from reputable sources allows for the brand to build trust based on the trust you have for the endorsement.
- For the hero section we make our intended customer known. We use suggestive speech to try to get the reader to join either the bank or the discord where they will be able to learn more about Cache Bank.
- The hero section is coded using grids. At small mobile devices the image will not be present as it is only displaying one column. This changes to two column at medium and large screens to two columns in the grid.





## Component 3

- For the card section we use a grid with one column by default (mobile) which then changes to 2 columns for medium screens and 3 columns for large screens. This allows the website to accommodate the best use of the screen without compromising readability.
- ARIA roles, or Accessible Rich Internet Applications roles, are a set of attributes in HTML that can be added to elements to improve the accessibility of web content for people with disabilities. These roles help assistive technologies such as screen readers to properly interpret and navigate the content of a webpage.

## Component 4

- The get started section is designed in a way that is easy to understand breaking up the information and the use of colour insures that it is the most effective at conveying the relevant information.
- The techniques used in this component is grid, using grid columns to allow for responsiveness and mobile compatibility. Another technique used is the flex which is used to position the information.
- JavaScript was used to allow for the figures to increase in a fluid way.

## Component 5

- The contact information uses a grid which allows for responsiveness. As the screen gets bigger the grid goes from having 1 column to 3 on large screens. The footer is always in the middle on the bottom of the page.
- The contact informations layout uses nested divs. This insures that development is as streamline and coherent as possible. The layout is a container which the grid is inside. This allows for responsiveness and insures that the format is always cohearient on devices (mobile and non-mobile).
- The footer uses a container which is in flex, meaning that it can enlarge and shrink with the screen. The orientation is columns. Their is a nested div with both being flex







## Conclusion

- The project objective was to create a landing page for Cache Bank. This was accomplished by splitting the page up into 5 components each. Both flex and grid was used to ensure for mobile compatibility.
- This project was incredibly informative as it allows for multiple use cases of utilizing flexbox to create a cohesive landing page.



## CONTACT

# CODESPACE

- ▶ [www.codespace.co.za](http://www.codespace.co.za)
- ▶ [@codespace\\_academy](https://twitter.com/codespace_academy)
- ▶ [emma@codespace.co.za](mailto:emma@codespace.co.za)