

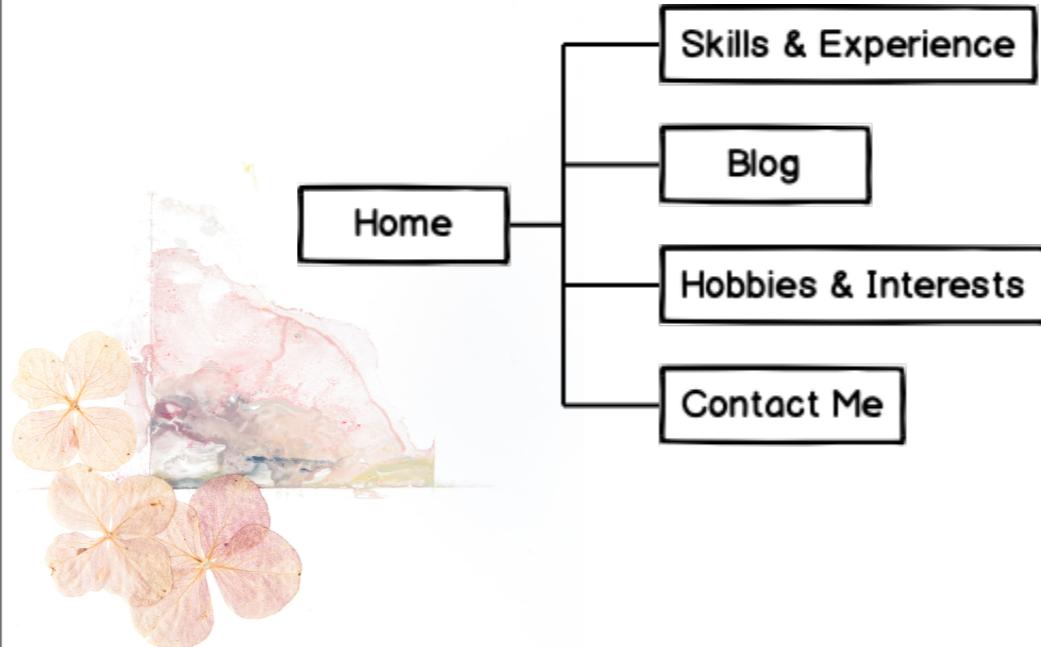
# MY PORTFOLIO WEBSITE

<https://emma-bindi-portfolio.netlify.com/>

BY EMMA BINDI

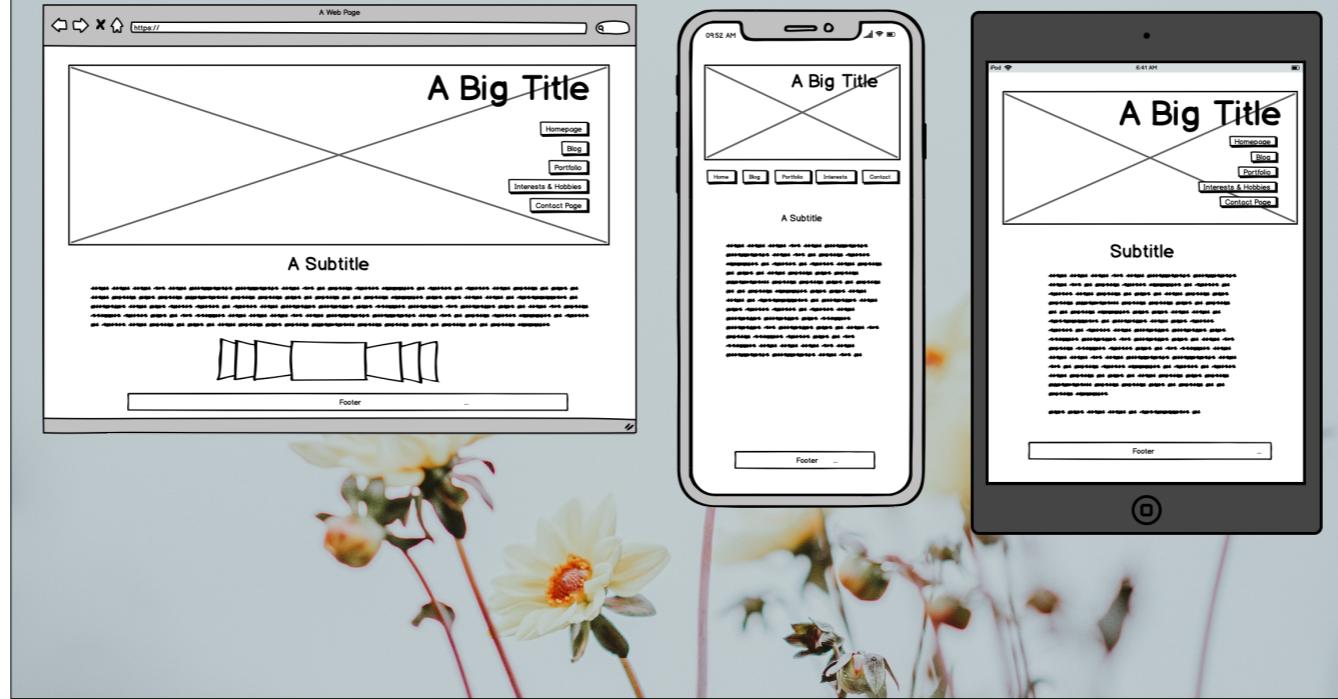
All the words for my presentation are in presenter notes. Additional info is there.

# site Map



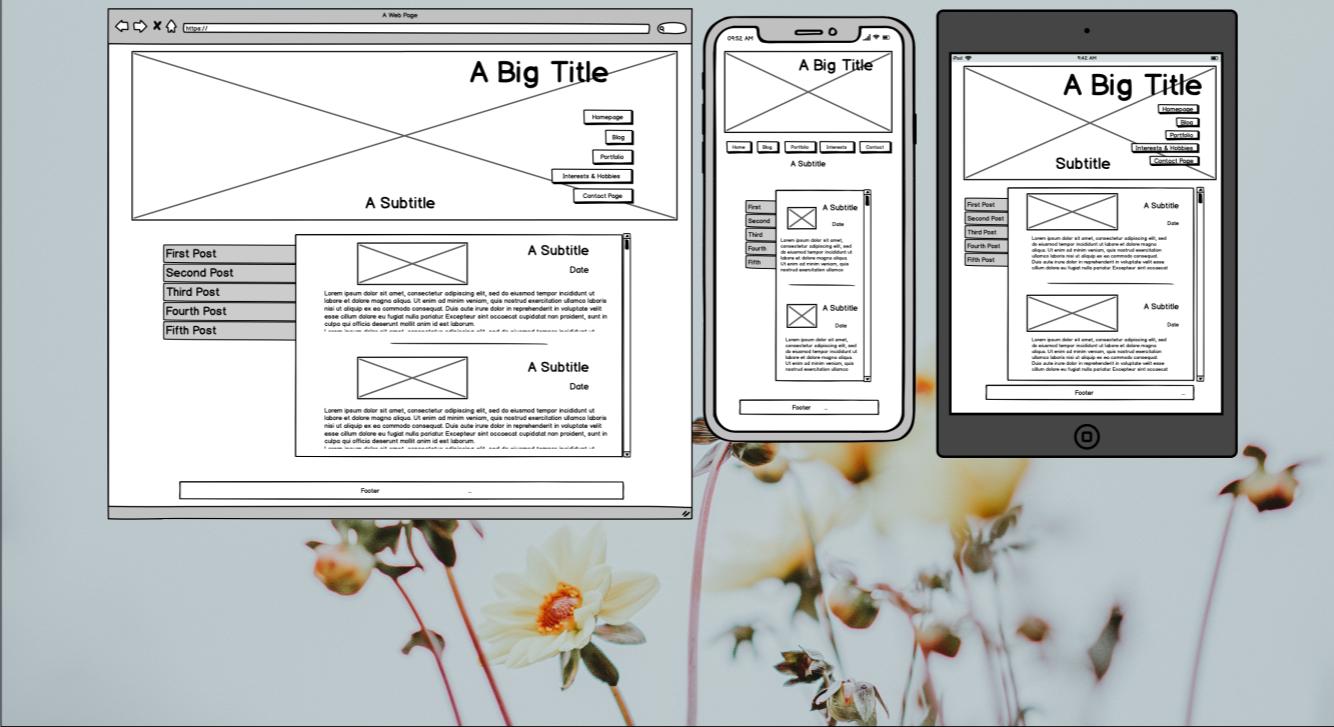
# Wireframes

<Home>



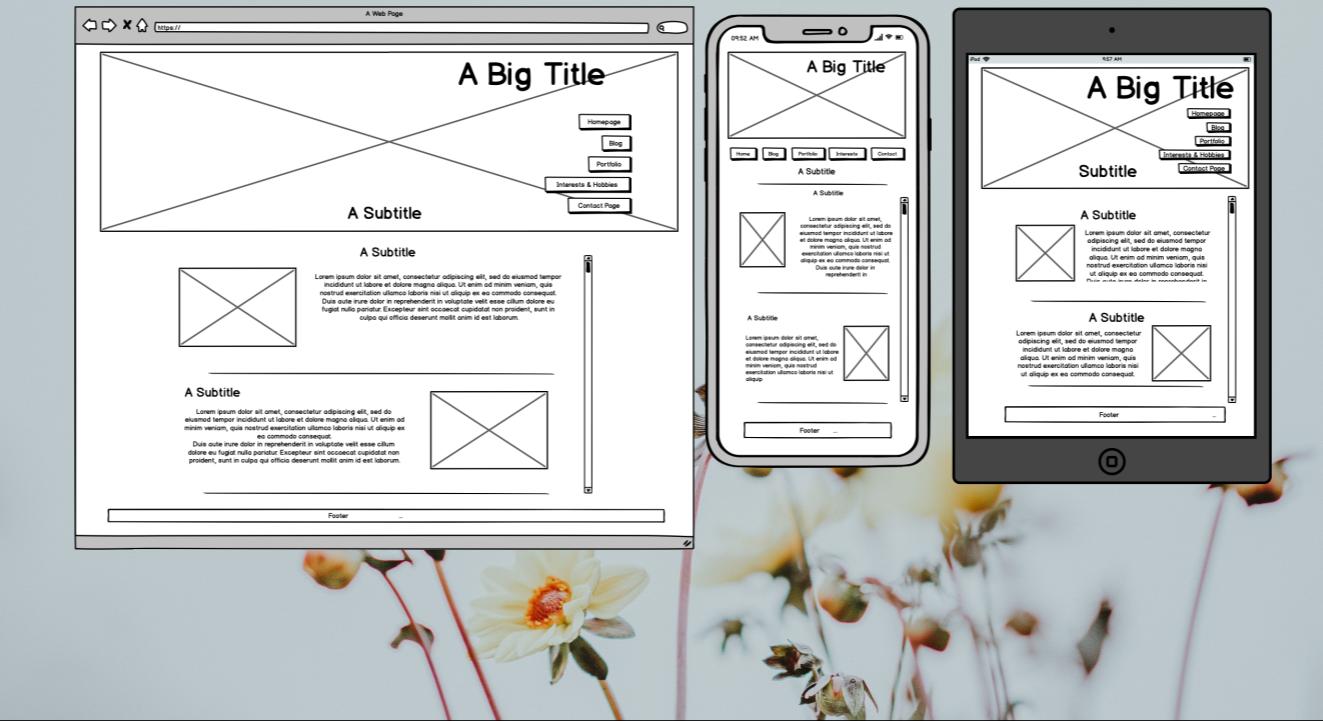
# Wireframes

<Blog>



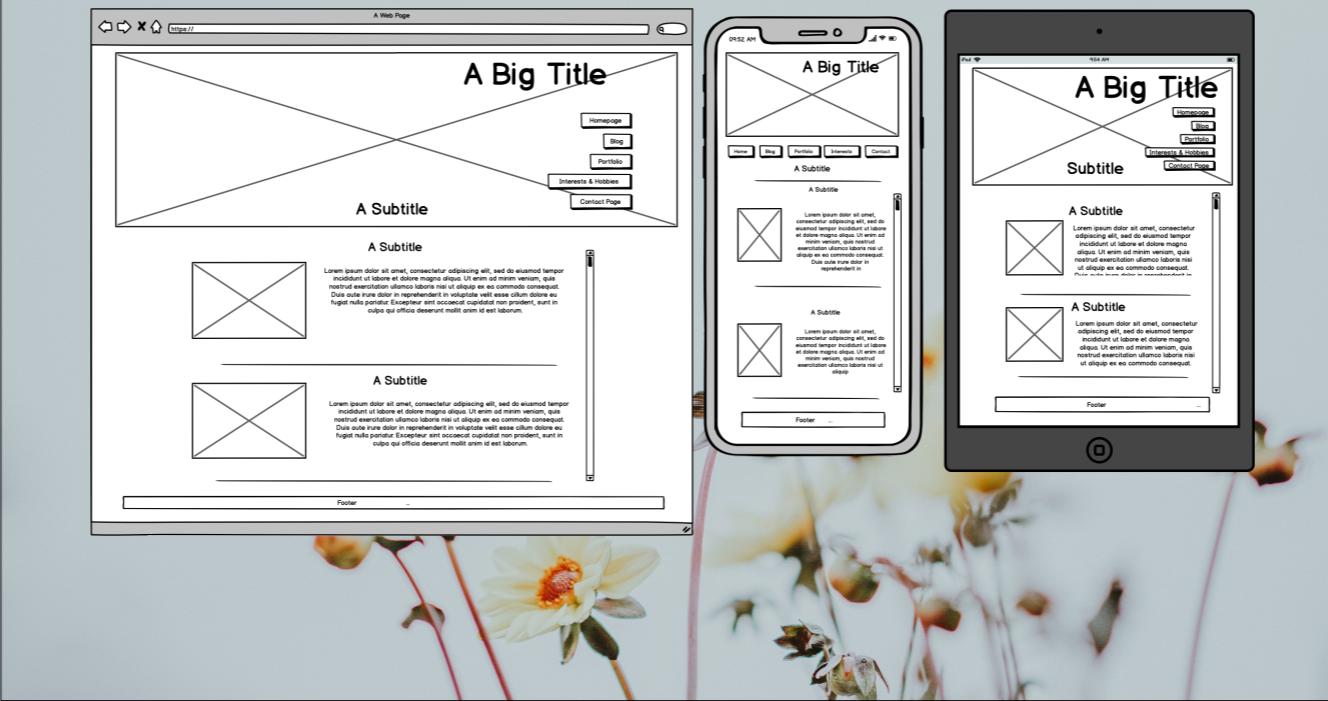
# Wireframes

<Portfolio>



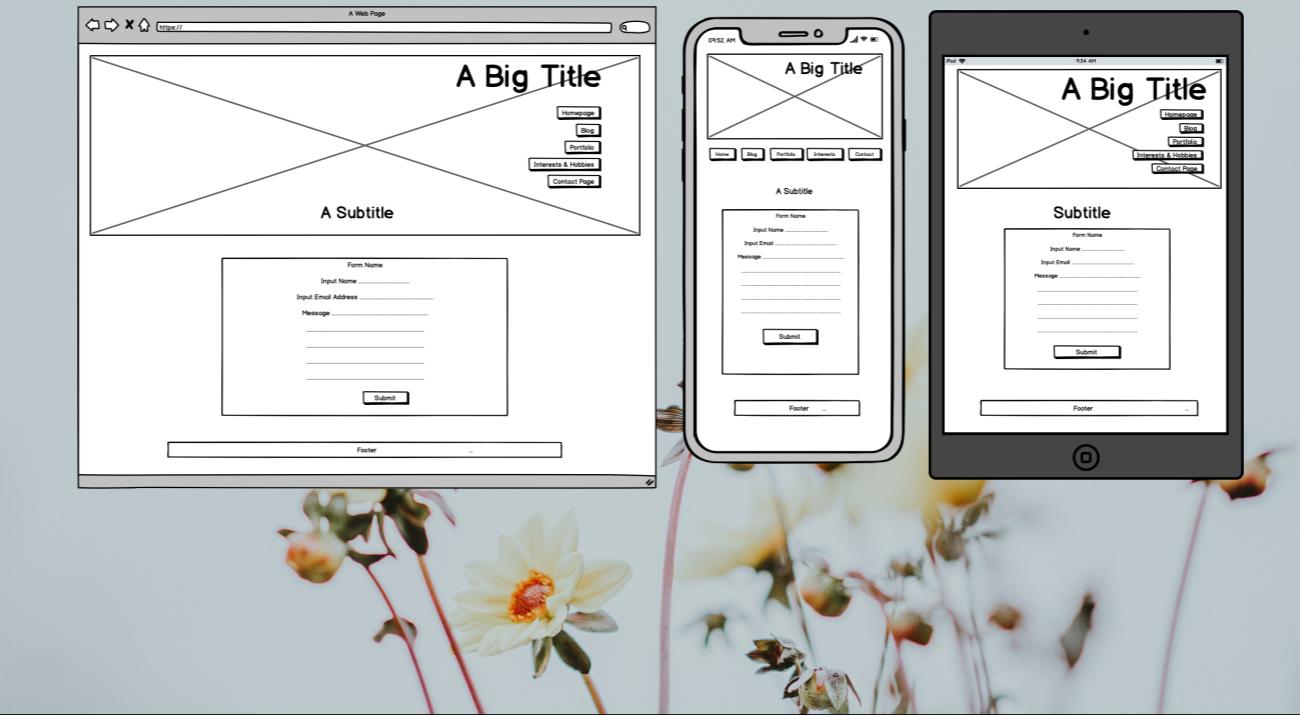
# Wireframes

<Interests>

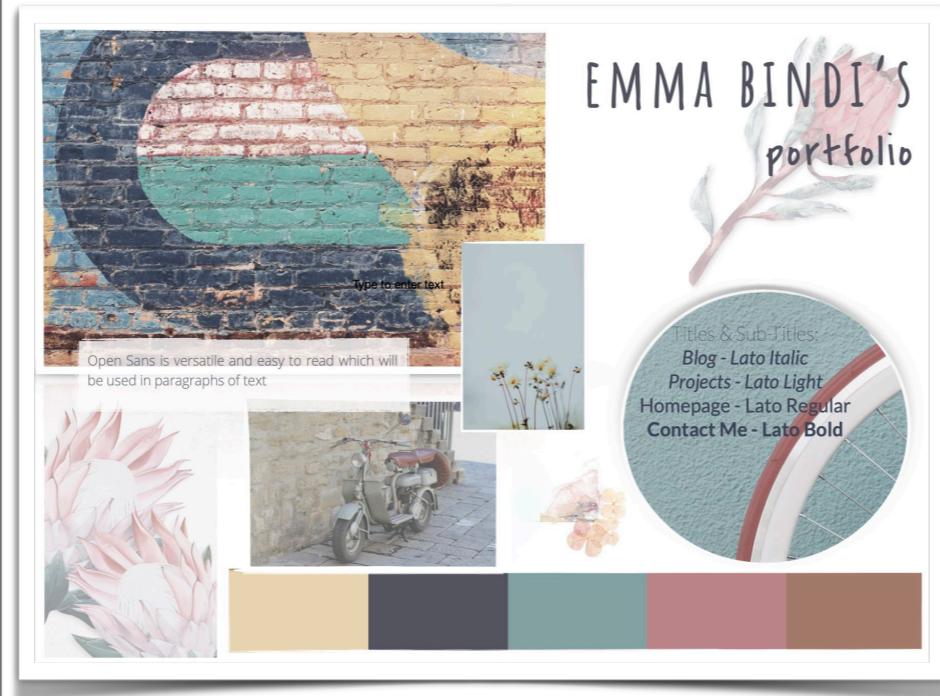


# Wireframes

<Contact Me>



# Mood Board & Design



## Theme

- Vibrant
- Fresh
- Energetic
- Simple
- Down to Earth
- Friendly & Approachable
- Feminine

Before commencing the development of my portfolio website, I spent time creating a mood board to capture my inspiration and theme that I wanted to achieve. This included images and color palettes which appealed to me and that I found cohesive. The theme I had in my mind for my portfolio included ideas, values and feelings.

I chose these themes, and colors or images which matched these as I believe they translate who I am as an individual.

It was important for me to include a feminine touch and not shy away from softer features or colors including pink, as I strongly believe and hope that women in tech can feel at home being themselves and displaying an alternative appearance to the very prevalent edgy / masculine / cutting edge / futuristic themes we frequently see in web design.

Google fonts.



# WEBSITE FEATURES

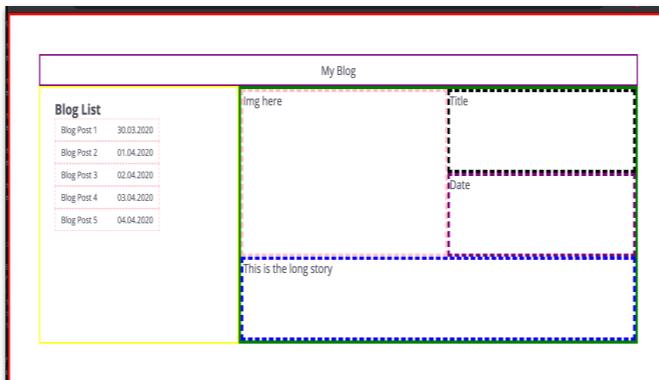
## Responsiveness

CSS Flex Box

CSS Grid Layout

CSS Media Queries

Testing & Debugging



### RESPONSIVENESS

Throughout my planning, I considered the requirement for viewing on mobile devices when designing my portfolio website.

CSS Flex Box was utilised as frequently as possible which allows the elements of the website to display in a different manner according to screen size. For example, Interests page displays the 'interests cards' two per row for wide screen browsers such as a desktop computer however Flex Box automatically adjusts to one per row if the screen size is under 600px.

Media queries were included in the css styling to create a responsive website. For example, the nav bar re-alignment and text size reductions.

I tested the responsiveness for every page using different mobile device sizes within Developer Tools in Chrome.

During the design phase, I made the assumption that my target audience of the website would be accessing via a desktop/laptop browser with wide screen as they would likely be IT professionals / recruitment representatives in a workplace setting (not on mobile devices). Therefore, the site was not developed with a 'mobile first' methodology.



# WEBSITE FEATURES

## Accessibility

### Semantic HTML

Specific titles and tags for HTML elements

### Audits

The screenshot shows a browser window with two main sections. On the left is a preview of a website for 'EMMA BINDI' featuring a brown textured background, a navigation bar with links like 'HOME', 'Blog', 'Portfolio', 'Interests', and 'Contact Me', and a 'Contact Me' button. Below the preview is the text 'Created by Emma Bindi, 2020'. On the right is a 'Passed audits (7)' panel with a dark header and white text, listing seven items with green circular icons:

- Background and foreground colors have a sufficient contrast ratio
- Document has a <title> element
- <html> element has a [lang] attribute
- <html> element has a valid value for its [lang] attribute
- Lists contain only <li> elements and script supporting elements (<script> and <template>).
- List items (<li>) are contained within <ul> or <ol> parent elements
- [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.

While developing my website, I kept in mind that some users would be using screen readers or other technology to access my portfolio.

With that in mind, I set out to achieve accessibility in my site through use of semantic HTML along with specific titles and clear tags for all elements wherever possible.

For example, I included an additional element "title" for each page link which allows screen readers to understand what that link is navigating to.

I used the accessibility audit tools within Chrome to test and review the accessibility. This highlighted any areas of improvement that I was able to adjust and also inspired me to create a new branch of my site in black and white color theme which enhances the color contrast of images.



# WEBSITE FEATURES

## Semantic HTML

<footer>

<p>

<nav>

## Consistency

HTML classes

HTML tag id's

## SRI

SHA384

### Consistency

The website styling and layout is consistent and this has been achieved through use of classes and ID tags in html to allow styling to be carried out across all alike elements. For example, the same font is utilised for headings and paragraph text through the site.

I have also utilised components in my html to present information in a uniform manner and adhere to a common theme. For example, the footer banner is identical on each webpage.

### Semantic HTML

HTML elements were named to ensure the code was easy to understand and review. For example, tags such as footer, p and nav were used which provide meaning to that section of html code.

Additionally, I included extensive comments to highlight and explain various components and styling of code. For example, a description above the ".footer-logos a:hover" styling code block to explain that the below code is carried out conditionally upon mouse hover over the footer logo.

### Sub-Resource Integrity

Sub-Resource integrity ensures the files delivered to your web browser don't have unexpected content such as malicious code inserted by a third party.

I implemented sub-resource integrity by creating a hash for styles.css using SHA384 which is linked to my index.html sheet. This ensures that styles.css will only load if it is identical to its state when the SHA384 hash was created. If any changes have been made, the stylesheet will not be loaded and the HTML page will be displayed without CSS styling.



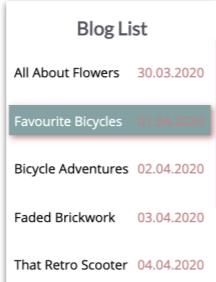
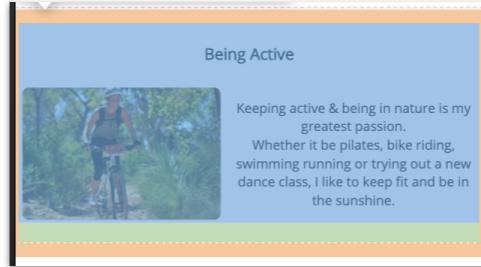
# WEBSITE FEATURES

## Components

Footer

Nav Bar

Header



Contact Me Form

GitHub Link

Blog Post Card

Blog Post List Nav Menu

Interests Card

Portfolio Card



Created by Emma Bindi.

**Footer** Displays at the bottom of each page in an identical manner and includes links to professional accounts. An opacity adjustment upon hover provides feedback to the user that the feature will interact (click through to link)

**Nav Bar** The title of each page in the site displays within the navigation bar using buttons to inform visitors about the other pages within the website they can access. An color adjustment upon hover provides feedback to the user that the button will interact (click through to link) so they can navigate to another page.

**Header** The header is placed at the top of the page and contains a hero image, website title and nav bar as this is where users typically navigate to to find this information. The page title displays within the header to inform users of their location within the site and hints to the content of that page.

**Contact Me Form** The input fields contain labels to capture data from a visitor such as name/email and the form also includes a submit button. This button uses css styling effects to change upon hover, which informs the user that the feature will interact (submit).

**GitHub Link** A link is provided within my projects cards for Ruby & HTML/CSS to allow users to view my Github profile. The link displays in a contrasting font color to provide feedback and navigation to the user that this feature will interact.

**Blog Post Card** A component was used for creation of each unique blog post entry. It allows uniform and consistent layout through use of CSS Grid and class tags in html.

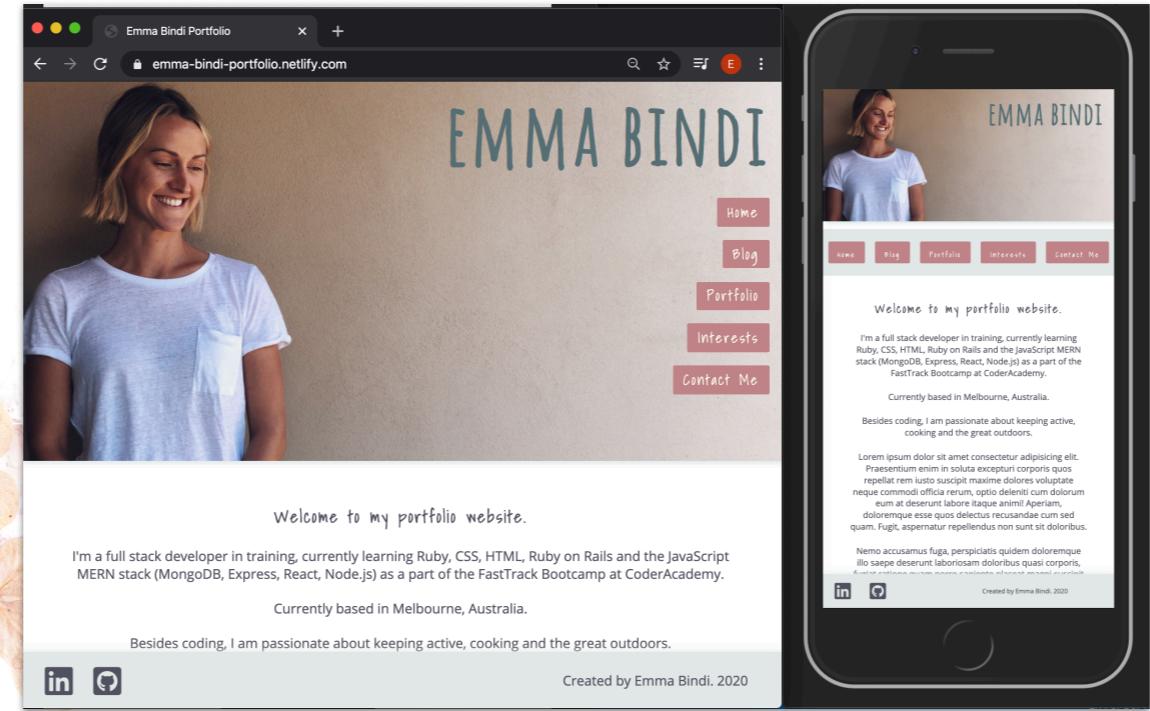
**Blog Post List Nav Menu** A navigation menu appears on the left hand side of the blog posts page to inform the visitor of other blog posts available to view and allows them a way to easily access a different blog post. I used css styling to ensure the navigation bar remained within the users scroll view so no matter where they are on the page they can navigate without having to scroll back up to the top. An color adjustment upon hover provides feedback to the user that the button will interact (click through to link) so they can navigate to another blog post.

**Interests Card** A component was used for creation of each unique interests card. It allows uniform and consistent layout through use of CSS Flex Box and class tags in html.

**Portfolio Card** A component was used for creation of each unique portfolio card. It allows uniform and consistent layout through use of CSS Flex Box and class tags in html.

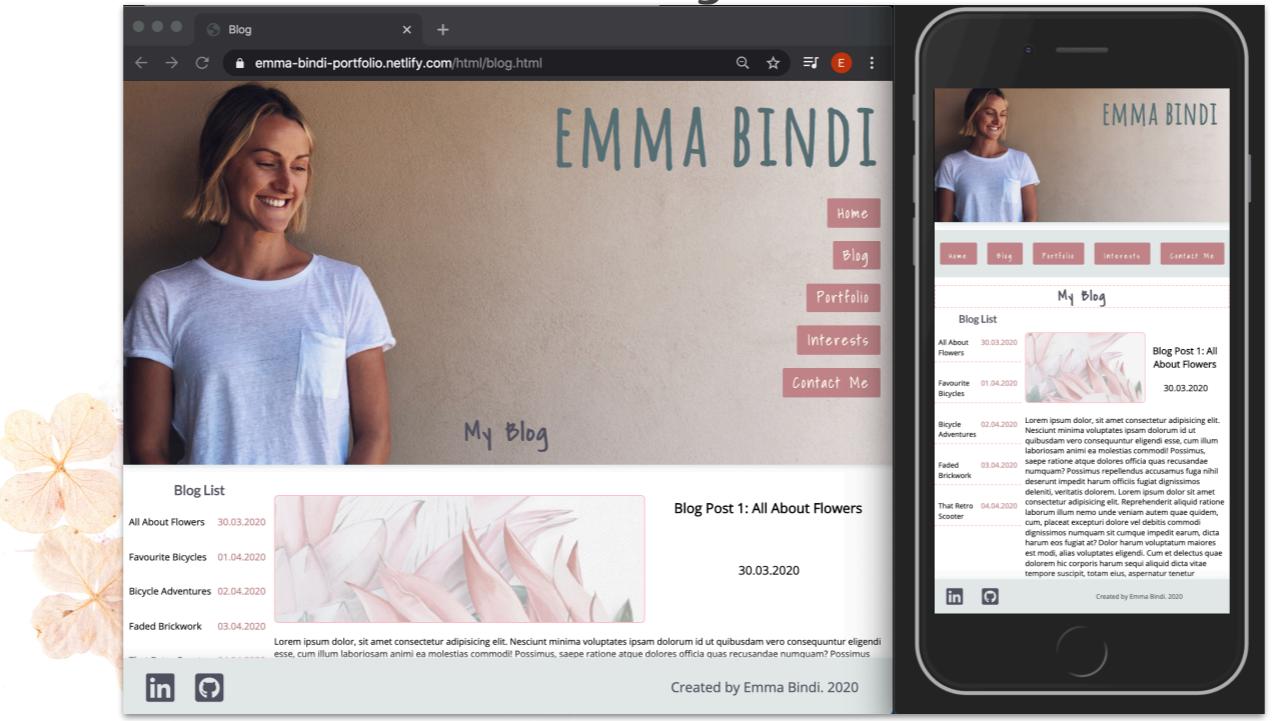
# Screenshots

<Home>



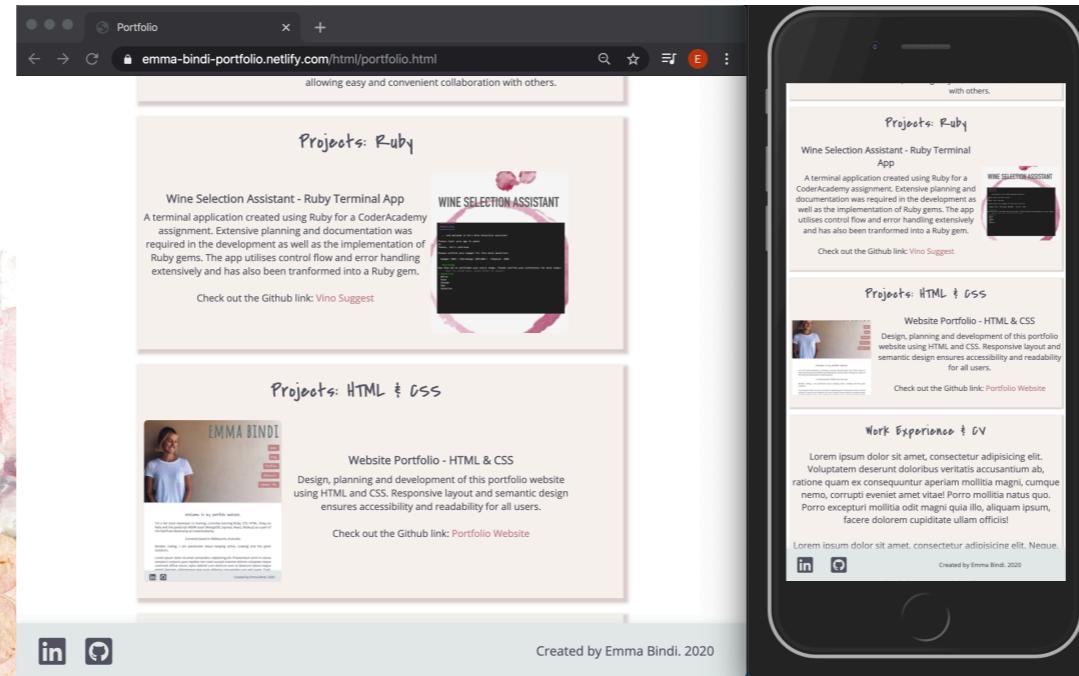
# Screenshots

# <Blog>



# Screenshots

## <Portfolio>



# Screenshots

## <Interests>

The screenshot displays a portfolio website titled "Hobbies & Interests" from the URL [emma-bindi-portfolio.netlify.com/html/interests.html](http://emma-bindi-portfolio.netlify.com/html/interests.html). The page features a decorative background of dried orange hydrangea flowers on the left.

**Food & Wine**

Passionate about great food and enjoy shopping for fresh and different produce at the markets.  
I love trying new recipes at home and exploring new eating establishments.  
Learning about fine and alternative wines intrigues me. I currently have a side hustle - working weekends at a natural wine bar, where I get to combine my passion for wine and being around people.

**Travel**

I've managed to see a good chunk of the world, discovering the colourful and diverse planet we live on.  
A few highlights include:

- sleeping under stars in a Bedouin tent
- hiked Tiger Leaping Gorge in China
- when I was 18 I cycled across Slovenia
- volunteering on an organic farm in Estonia
- overnight train ride Moscow to St Petersburg
  - riding a bicycle across Austria
  - motor biking the Hai Van pass in Vietnam
  - island hopping the Adriatic Sea
  - spending Ramadan in Istanbul, Turkey

**Volunteering**

Created by Emma Bindi. 2020

**Mobile View:**

the tennis ball, watching butterflies and playing tug-of-war with socks  
And likes to explore & post her escapades on insta @urائعough.life

Food & Wine

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Travel

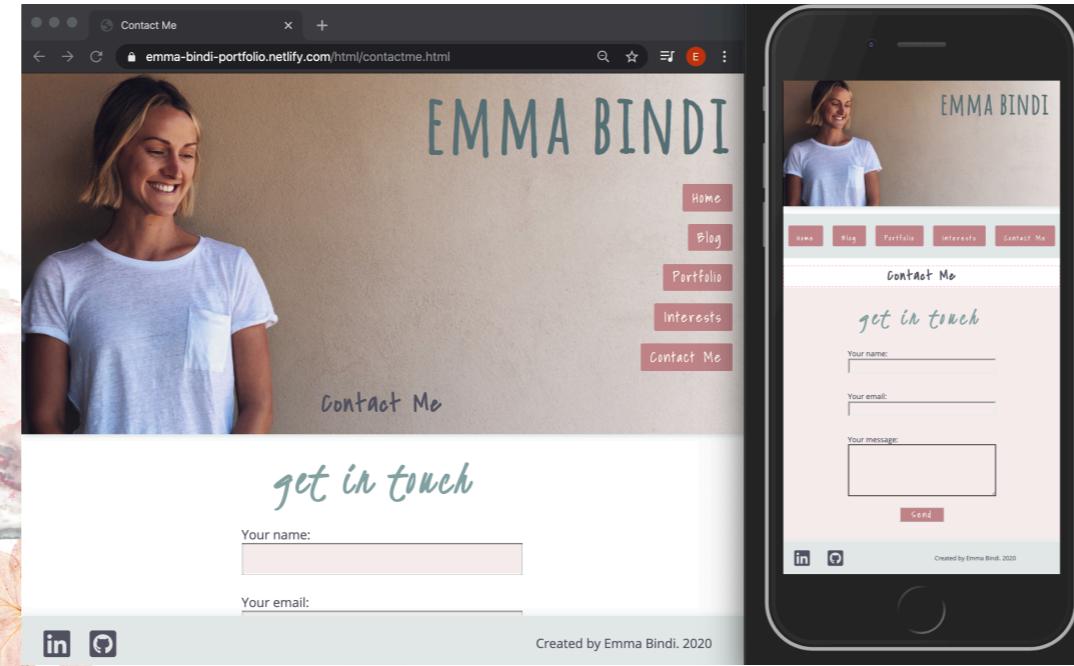
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- hiked Tiger Leaping Gorge in China
- white water rafted down Soca River, Slovenia
- volunteering on an organic farm in Estonia
- overnight train ride Moscow to St Petersburg
  - riding a bicycle across Austria
  - motor biking the Hai Van pass in Vietnam
  - island hopping the Adriatic Sea
  - spending Ramadan in Istanbul, Turkey

Created by Emma Bindi. 2020

# Screenshots

[Contact Me](#)



# GIT BRANCHING



Master

So Fresh N

Clean

BNW

Cursive Fonts



I created different versions of the website which are saved in different git branches and display different visual elements:

- \*\*master\*\*: the original version
- \*\*sofreshnclean\*\*: with transparent header image to create stronger contrast in colours. Also removes the colour background on interests/portfolio pages and cards. This is my favourite theme as it appears very fresh and clean.
- \*\*bnw\*\*: with black and white only color theme
- \*\*cursivefonts\*\*: with script style fonts

# CHALLENGES & LEARNINGS

## Design Changes

One small decision/change required a lot of adjustment - challenge to stick to an idea/theme

## Design Limitations

Animation I wanted for interests cards, required JS, had to come up with new idea

## Git

- Working with Remote Repo (pushing new branches created locally)
- Branching (moving between without committing)
- Merge conflicts
- Successfully rolled back to prior commit
- Successfully used branching

## Displaying & Sizing Images

Painful. Just painful.



# CHALLENGES & LEARNINGS CONT'D

## Layouts/Styling with Flex Box:

Understanding the correct use and consequence of each parent/child

## Accessibility

Rework was required as I wasn't aware of the practical implications of best practise for accessibility. Achieved 92% therefore greater image contrast would have assisted.



## Scrolling Issues with Fix Nav's

One small decision/change required a lot of adjustment - challenge to stick to an idea/theme

## Responsiveness

So many different device types and requirements - a lot more time was needed to make site totally responsive

# FAVOURITE PARTS

I LOVED THIS PROJECT! I woke every day so eager to jump on my laptop and develop this site. Time flew by.

Design - Using Wireframes

Seeing Finished Product

Links Working!

Using Google Fonts & Awesome Fonts

Styling

Building Something From Scratch

Seeing My New Skills Create A Tangible Product!

Creating Effects With Mouse Hover

