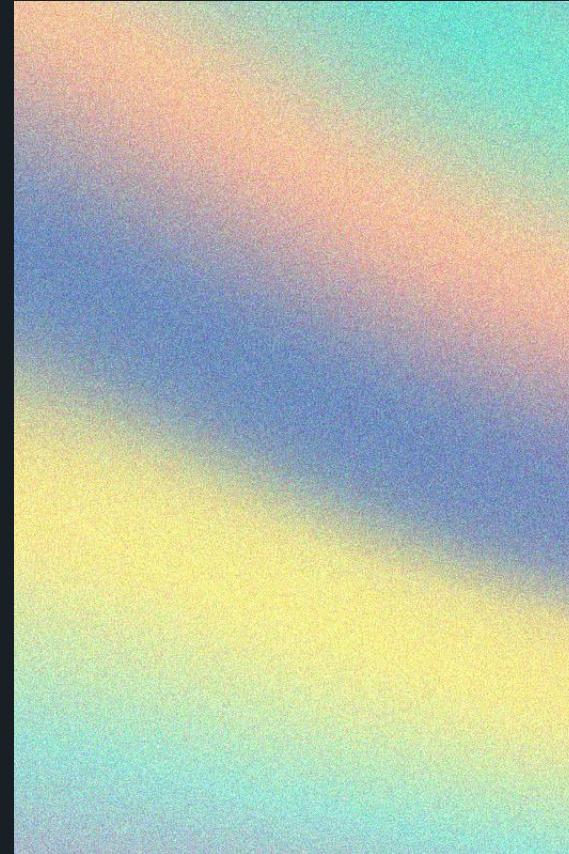
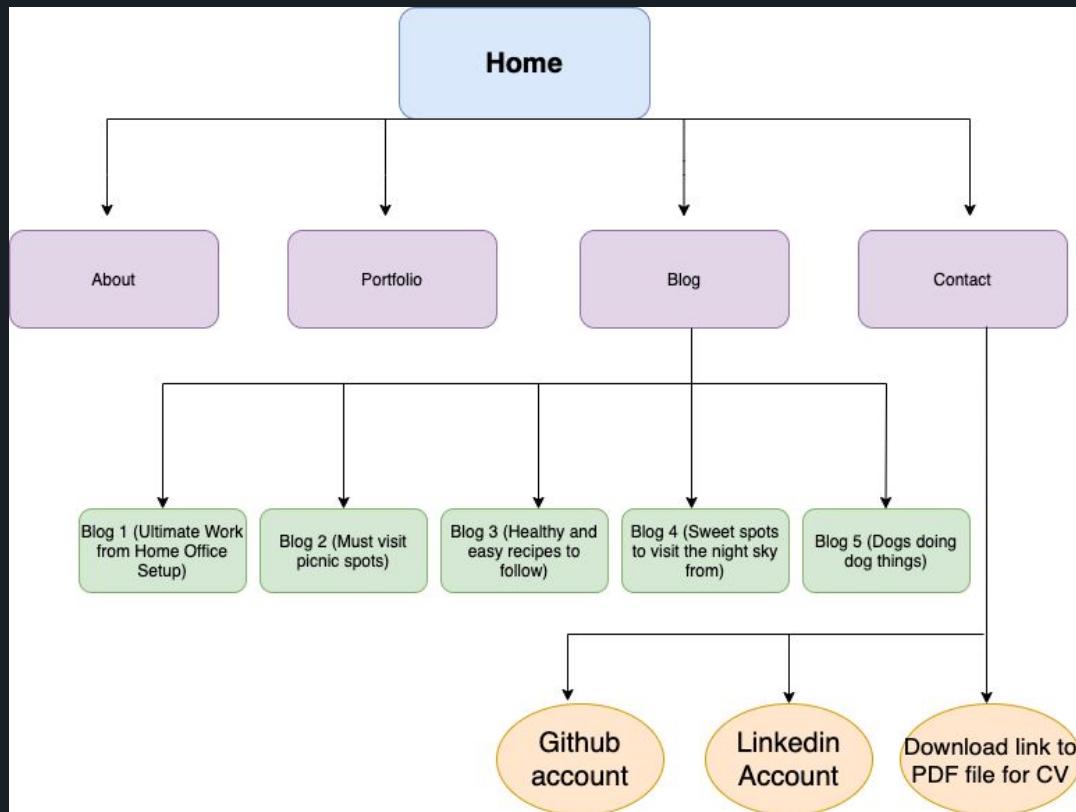


# Krishal Portfolio Website

By Krishal Kumar

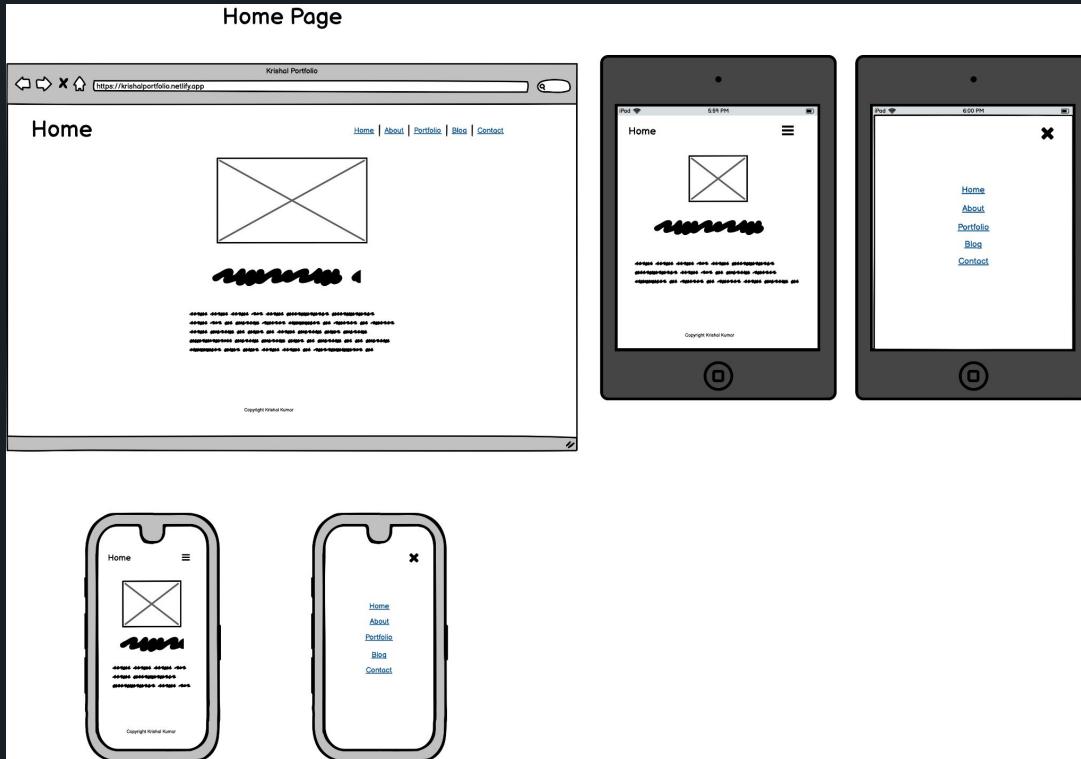


# Sitemap



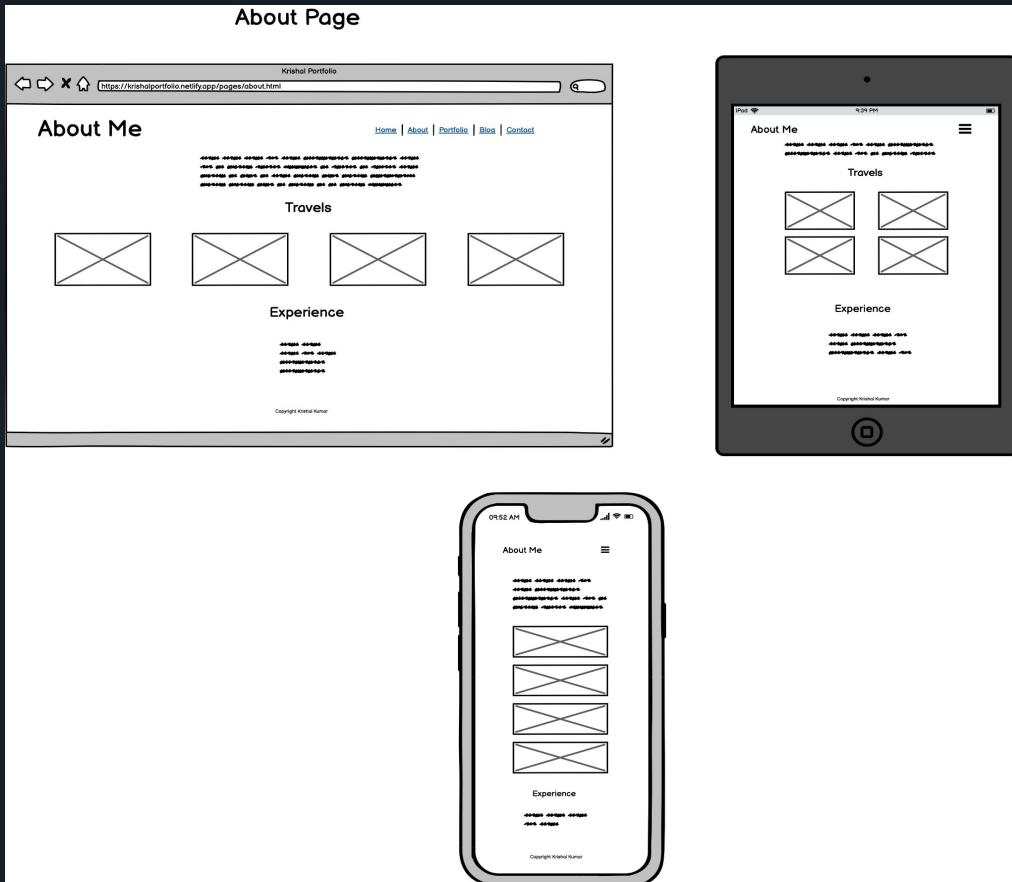
- Home is the main Index page which loads up first upon visiting the website. Secondary pages can then be navigated to from the Home Page.
- Secondary pages include About, Portfolio, Blog and Contact Pages.
- Blog page links into 5 of the Blog post pages.

# Homepage Wireframe



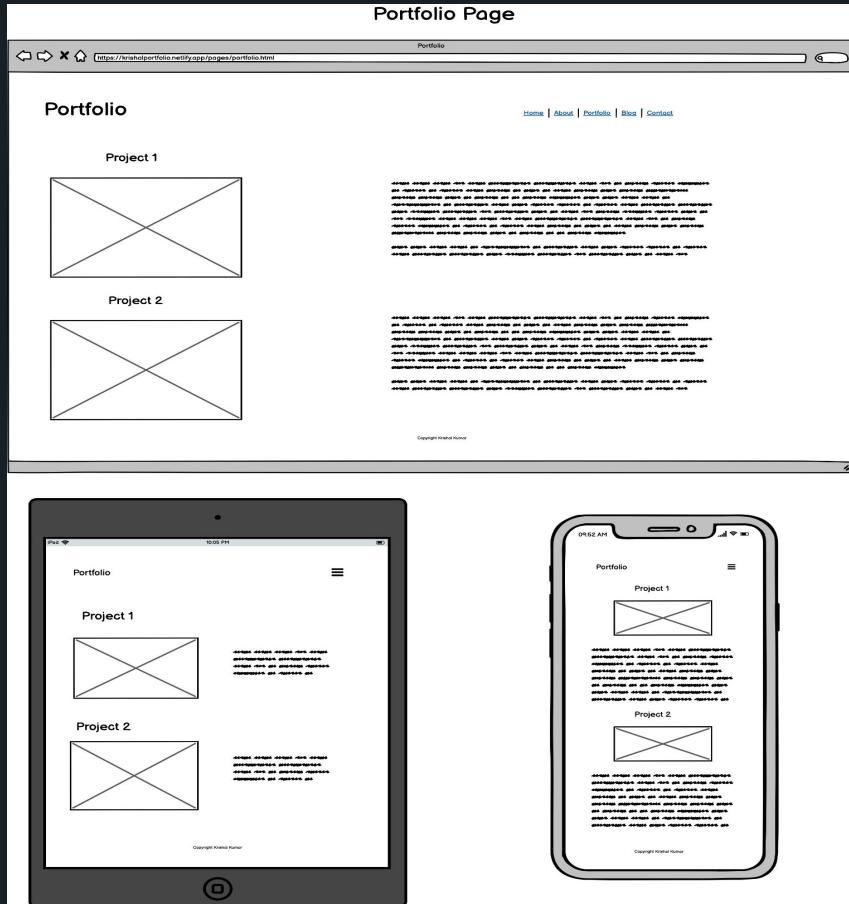
- Clickable Title of Page currently on, in top left corner.
- Navbar to navigate to other pages.
- Profile photo in the centred on screen with heading text directly below it.
- Responsive design for smaller screen sizes (iPad and iPhone X used as an example)
  - Hamburger menu appears upon tapping, from top to bottom for devices less than and equal to 850 pixels wide.
  - Flex box to centre and wrap text & images to display appropriately to the device size.

# About me Page Wireframe



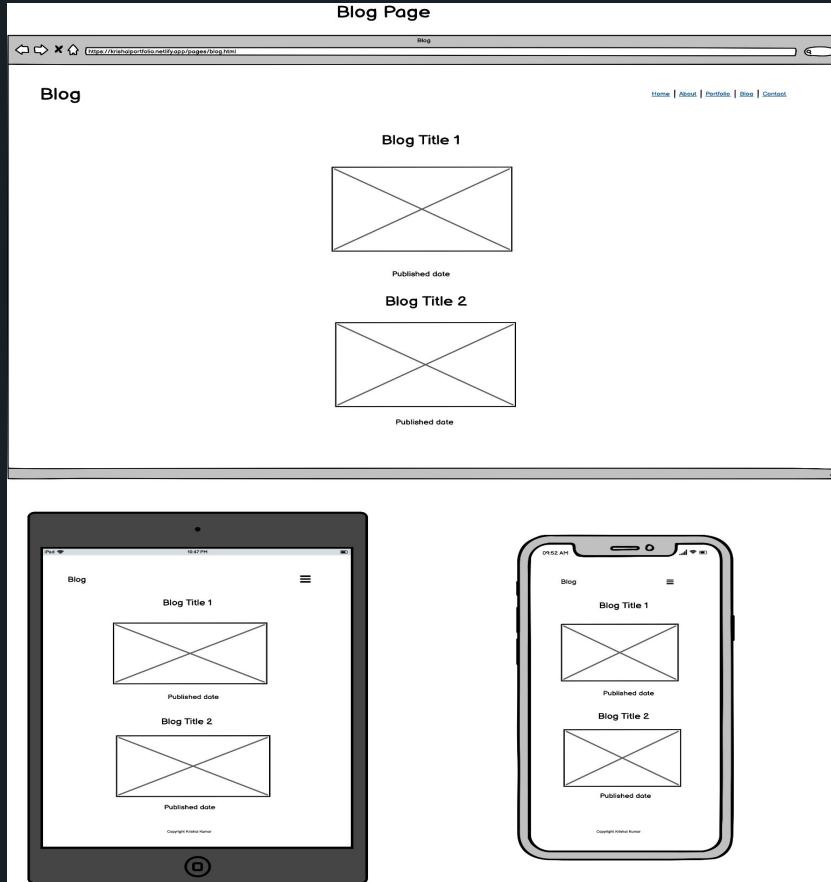
- Clickable-Title of Page currently on, in top left corner.
- Navbar to navigate to other pages.
- Paragraph text below header section to introduce myself and tell a little more about myself.
- Section displaying embedded map iframes of locations of recent Travels.
  - Implement flex wrap and flex direction for maps to display either in row or column form depending on screen size.
- Section displaying list of Experiences.

# Portfolio Page Wireframe



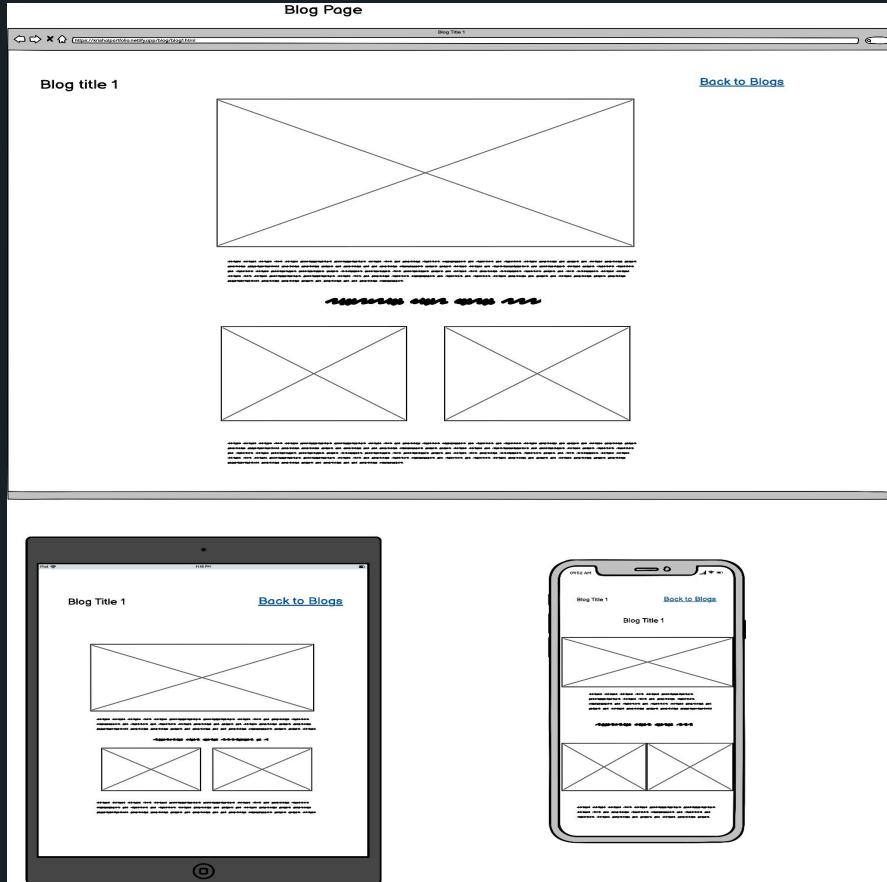
- Clickable-Title of Page currently on, in top left corner.
- Navbar to navigate to other pages.
- Paragraph text below header section to introduce myself and tell a little more about myself.
- Image of projects displayed on left side of browser with paragraph text explaining each project on the right side of screen on Desktop/Laptop and iPad/Tablet screen sizes.
- Title, Image of project and paragraph text centered in middle of the screen with text wrap to accommodate varying smartphone screen sizes.

# Blog Page Wireframe



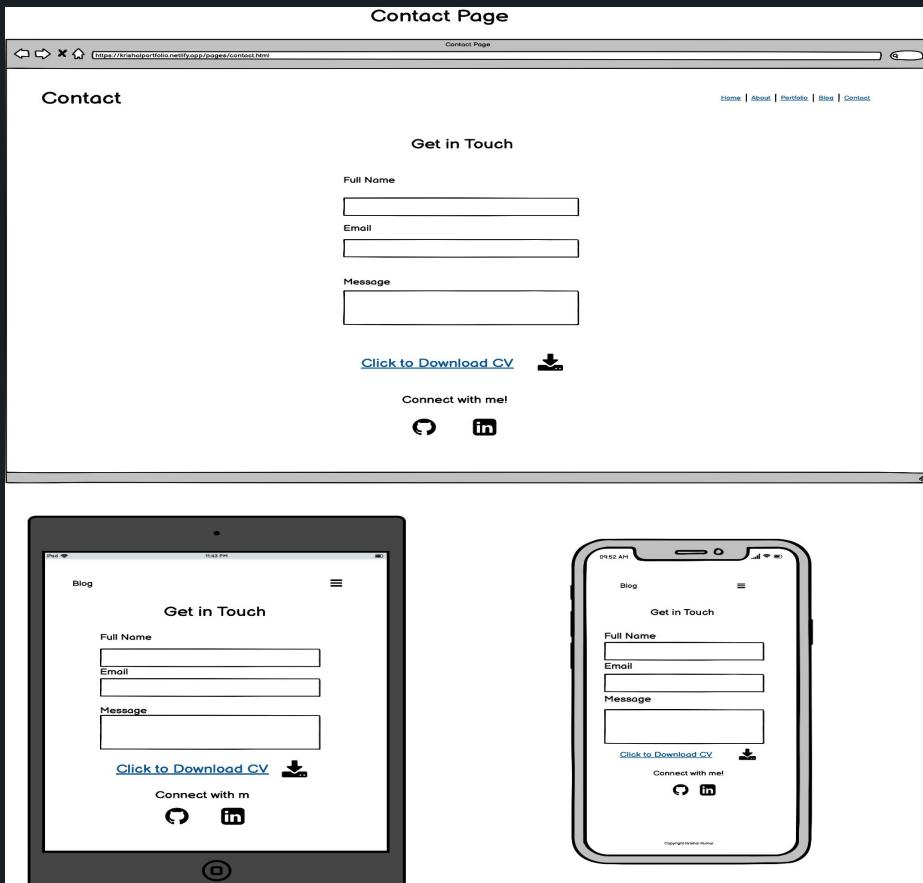
- Clickable-Title of Page currently on, in top left corner.
- Navbar to navigate to other pages.
- List of blogs listed in column form across all devices sizes.
- Each blog includes a Title, clickable image which takes you to the actual blog post and publisher with published date.

# Blog Sample Page Wireframe



- Blog Title on top left of screen
- Menu button to navigate back to blogs screen
- Main Blog image at the top of screen with paragraph text below
- Sub heading with addition images side by side on desktop/laptop and iPad/Tablet screen sizes.
- Images stretched to fit screen width on smartphone screen sizes.

# Contact Page Wireframe



- Clickable-Title of Page currently on, in top left corner.
- Navbar to navigate to other pages.
- Contact Form for user to fill out which then gets automatically emailed to my email address.
- Link to download my CV for prospecting employees who might be interested in finding more about my skills and experience in detail.
- Link to professional social accounts such as Linkedin and Github



# Design Decisions

- Simple and clean layout using Flexbox to align images and text side by side or in a column form, that will engage the user.
- Modern and elegant aesthetics:
  - Simple and clean font using Google Fonts
  - Linear Gradient background colours that's easy to look at - using CSS Linear Gradient background.
- Easy to navigate pages that allows the user to spend more time and effort looking at the content rather than trying to work out how to navigate.

# Design Decisions - Responsive

## Mobile-First approach



- Utilising flexbox, media queries and viewport width and height measurements to ensure the layout is suitable for all tablet and mobile screen sizes.
- Collapsing the navbar into a hamburger menu which slowly transitions from top to bottom of the screen, allowing the user to jump to any page.
- Using Dev tools on Chrome to experiment with different device sizes to ensure maximum compatibility.

# List Of Components

**HomePage** (also re-used throughout Website)

<Header> section with Title and <Navbar> for ease of access and readability.

Profile <section> with a photo with a smooth border radius, sub-header and brief description of myself - drawing the user in and keeping them engaged

<Footer> section with copyright stamp.

:hover Selector to change background colour of links to give a nice aesthetic to allow the user to know which menu item they are hovering over

**About Me Page**

About me/bio <section> centred and styled with white text contrasting the linear background colour allowing for ease of readability and clear & concise paragraph to keep the user engaged.

Sub-headers contained in <h2> tags to clearly indicate each section such as Travels and Experience

Embedded map <iframe> centred in the page with rounded borders to attract and engage the user and give visual guidance for locations mentioned

Unordered list <ul> items <li> to concisely organise experience/skills in a quick and easy to read manner.

**Blog Page**

Sub-headers contained in <h2> tags to clearly indicate each blog section

Image <img> of blog topic displayed with clickable link <a> to allow the user to easily navigate to the blog pages of their choice.

<p> styled in centre aligned right below image to show published date and author.

**Contact Page**

Sub-headers contained in <h2> tags to clearly indicate the 'Get in touch' section

Contact <form> with input boxes styled in centre of screen and rounded borders - allowing user to input their contact details and a message if wanting to reach out

Link <a> to download my CV pdf file using the <download> attribute, allowing prospective employees to easily acquire this if needed

External link <a> to my professional Github and Linkedin accounts centred and aligned above footer section, for interested users wanting to connect.

# Development/Build Process

## Planning

- Sketched up what I wanted my website to look like.
- Researched and gained inspiration from websites online to come up with a design I liked.
- Converted my ideas to Wireframes.
- Experimented with different background gradient colours, fonts, and headings until deciding which one looked best.

## Build

- Created html files (utilising VS Code) for all the pages (Home, About etc..)that needed to be apart of my portfolio.
- Applied background theme to each page and started with creating Header including the Navbar for use on each page.
- Started adding content to Home page and then progressed page by page styling with CSS and SASS/SCSS.
- Used Live Preview extension in VSCode to constantly check changes visually.

## Layout and Responsiveness

- Utilised FlexBox to organise and arrange content and components on my website.
- Utilised Media Queries to allow for responsive design for good UX on most screen sizes.

## Deployment

- Used git version control to push up to Github to contain and maintain my source code.
- Deployed using Netlify integrated with my Github Repository.

# Development/Build Process (continued)



## Challenges

- Working with FlexBox and getting the layout exactly how I want it displayed.
- Working with width and height measurements (ie. deciding between px, vw, % measurements)
- Deciding on layout and design.
- Containers and divs, and understanding how to apply styles to each child container (using classes, id's, variables and mixins)

## Ethical Issues

- Not using copyright images and utilising “free to use” images instead (Unsplash)
- Accessibility requirements (alt text for images and links)

## Favourite Parts

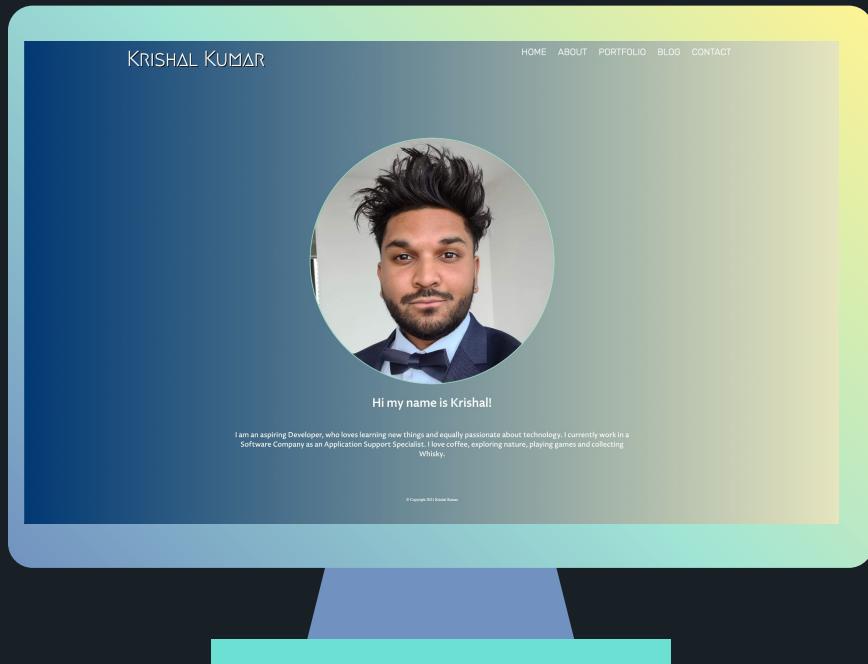
- Designing and coding the pages and seeing it come to life.
- Deploying the website online and accessing it from anywhere.
- Working with git and github

## Tools

- VS Code
- Git and Github
- Netlify
- HTML5 & CSS3, SASS/SCSS
- Google chrome and DevTools
- Balsamiq (wireframes)
- Draw.io (sitemap)

# Link to Website

<https://krishalportfolio.netlify.app>





The End