T1A2-Portfolio

Karl Kemister-Sheppard

(Site- Requirements)

Home
index.html

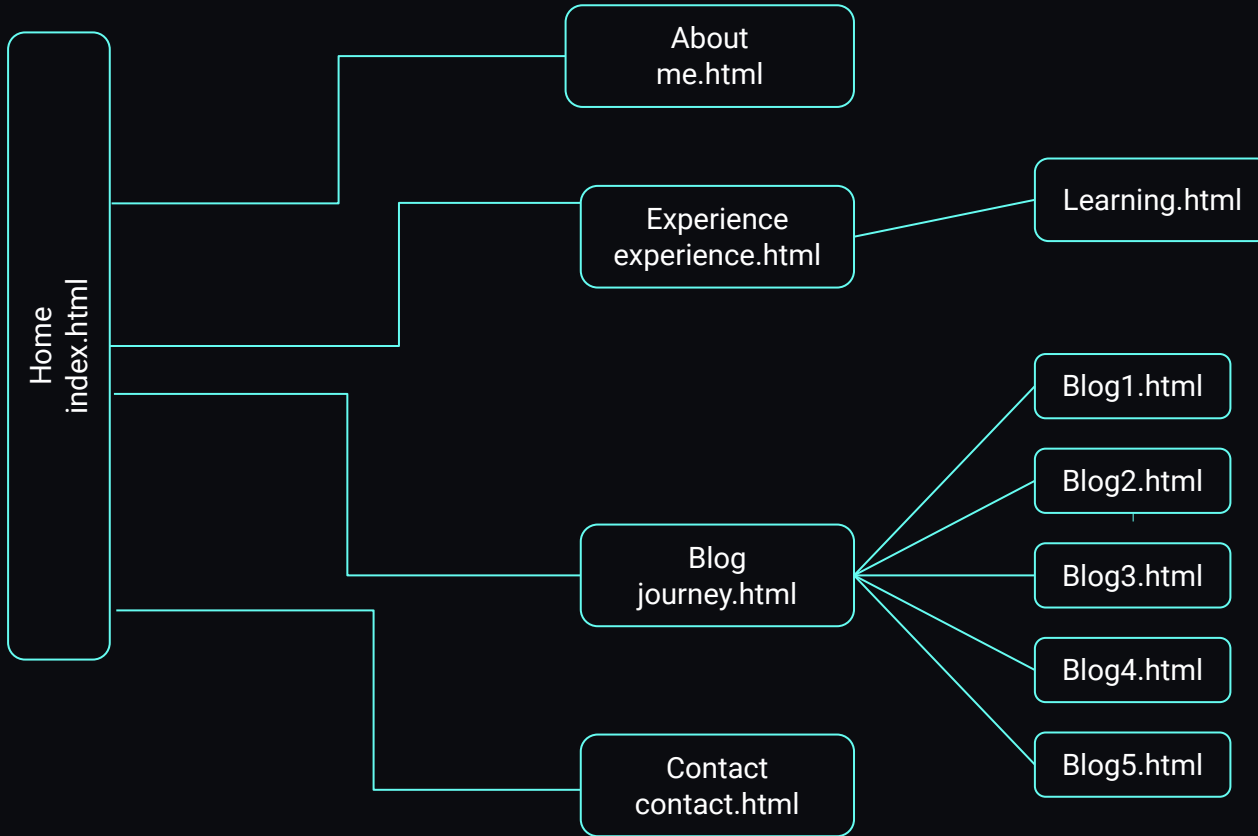## Four HTML Documents

1

2

3

4

4 Components (TEXT) Styled HTML | CSS | SASS
4 Components (GRAPHICAL) Styled HTML | CSS | SASS

RESPONSIVE (Iphone, Tablet, Desktop)
FLEXBOX

10 MIN PRESENTATION

Mobile: 320px-575px | **Small Devices:** 576px-768px | **Tablet:** 769px-992px | **Desktop:** 993px-1900px

Sitemap

Design Process

Visual

- Bold
- Vibrant Colours
- Hi Contrast Visuals
- Dark Mode- Focus Point

UX

- Clean
- Simple
- User Friendly
- Alt- added to all img

Colour

0B0C10
Rich Black FOGRA 39

66FCF1
Turquoise Blue

FF00FF
Magenta

Sitemap (Structure & Navigation) Key Features

All pages have consistent navigation bar that allows the user to navigate back to index.html (Home) page.
Responsive Navbar | Return to Home <a> | Footer links via graphical icons.

| **Home** index.html	About me.html	Experience experience.html	Blog journey.html	Contact contact.html
• Responsive Logo (XL) contains rainbow gradient effect on :hover. • Bold statement to attract user to interact with the site.	• About me that provides a small in-site to who i am and what i love to do. • Small bite size snippet of my interests and hobbies. • Hero image.	• Bold heading. • Languages & Tools- includes icons. • Button link to what i'm working on. • Hero skills that potential employers need to know.	• Why i'm learning to code. • Blog post snap shots that allow the user to click to view more. This will link to external html documents with return to previous page link.	• Form containing text input fields and submit button that is linked to form submit external server to FWD to personal email. • All fields are set to required to ensure all inputs are completed.

MOBILE + SMALL DEVICES- (WORKINGS)

Mobile + Small Devices Landscape

`(min-width: 320px) and (max-width: 575px)+(min-width: 576px) and (max-width: 768px)`
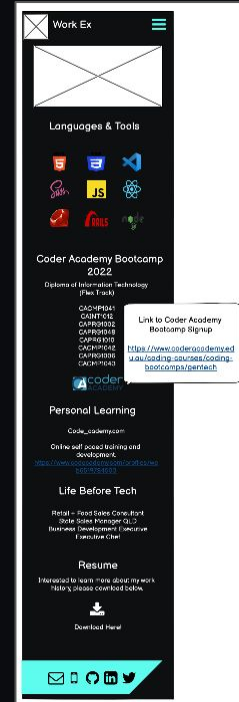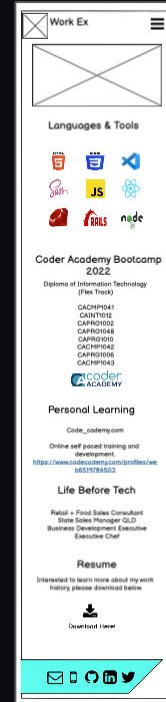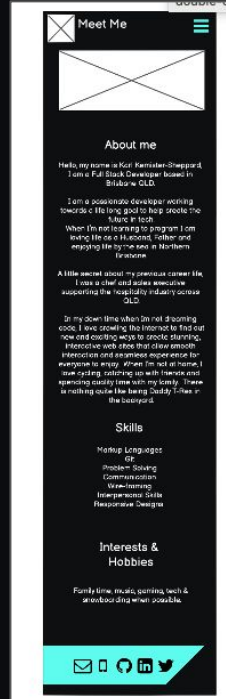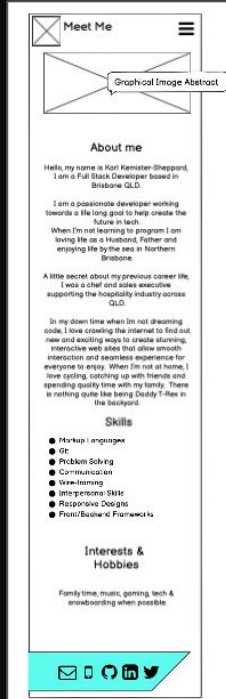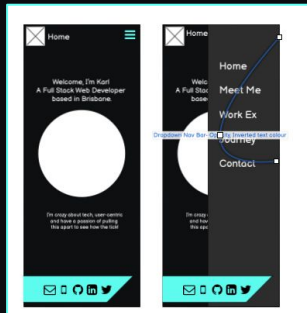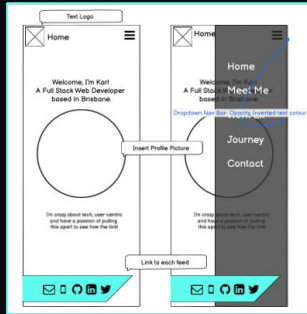
MOBILE + SMALL DEVICES- (CONTINUED)

Mobile + Small Devices Landscape

`(min-width: 320px) and (max-width: 575px)+(min-width: 576px) and (max-width: 768px)`

MOBILE + SMALL DEVICES- (REVISED)

Mobile + Small Devices Landscape

MOBILE + SMALL DEVICES- OVERVIEW

All pages have consistent navigation bar that allows the user to navigate back to index.html (Home) page.
Responsive Navbar | Return to Home <a> | Footer links via graphical icons.

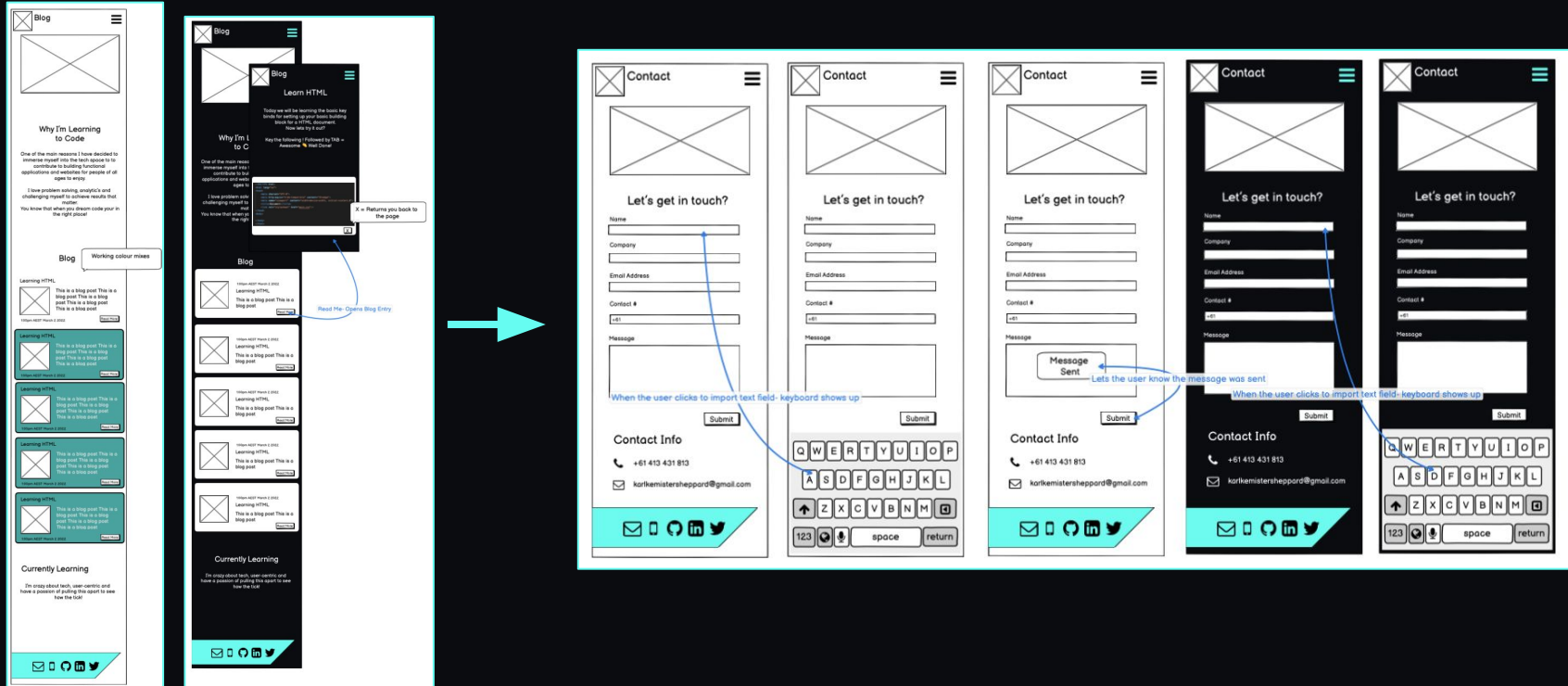| Home index.html	About me.html	Experience experience.html	Blog journey.html	Contact contact.html
First concept wireframes for the homepage consisted of hamburger dropdown, graphical image and cropped footer. I realised my skill set in building a navigation bar with JS was currently out of reach. **Changes** were made to the layout, replaced the img with LOGO added :hover affect + flexbox properties to create stacked column navbar for UX. @media Q **added** to fit desired screen display sizes.	**First** concept wireframes replicated the hamburger dropdown, graphical image and cropped footer as well. The new improved revision seen this feature scrapped and replaced with main content as first priority followed by hero image to allow users to feel connection with myself on a more personal level after reading the about me.. **Navbar** was set to display : flex and position: fixed to ensure header sat on top of the page at all times.	**First** concept wireframes followed a simple structure ect ul-li style. After learning new way and creating blog containers- i transferred the theme into this section of the document to transfer common themes across the site eg color, borders (radius). In addition, adding **color icons** for the languages that will be learnt before the end of the Bootcamp.	**First round** if wireframes where designed around UX- simple clean design that allow the user to click on a read more button to navigate them to a individual html page containing the higher details for the blog including images ect. **Scss** style properties have been added to each element with use of classes and divs to help contain individual styling or flex properties. To achieve the desired visuals.	The contact page uses different elements such as **input, action** and **submit** functions with the addition of the added **"required" call** to ensure the document cannot be submitted without all fields being completed. The form submit button talks to formsubmit.co and retrieves the completed details and sends them directly to the designated email address you input. **SCSS** styling added with :hover pseudo functions also to enhance UX.

MOBILE 320px

Home

About
Experience
Blog
Contact

Hi, I'm Karl a Full Stack Developer based in Brisbane

KKS

I'm crazy about tech, I love pullings things apart to see how they work and have the drive to make your visons come to life.

About

About
Experience
Blog
Contact

About me

Hello, my name is Karl Kemister-Sheppard, I am a Full Stack Developer based in Brisbane QLD. I am a passionate developer working towards a life long goal to help create the future in tech. When I'm not learning to program I am loving life as a Husband, Father and enjoying life by the sea in Northern Brisbane.

A little secret about my previous career life, "I was a chef and sales executive supporting the hospitality industry across QLD".

In my down time when Im not dreaming code, I love crawling the internet to find out new and exciting ways to create stunning, interactive web sites that allow smooth interaction and seamless experience for everyone to enjoy. When I'm not at home, I love cycling, catching up with friends and spending quality time with my family. There is nothing quite like being Daddy T-Rex in the backyard.

Interests & Hobbies

Family time, music, gaming, tech & escaping to the wilderness for some snowboarding "even if im not a pro"

Experience

About
Experience
Blog
Contact

Lets get down to business!

Currently i am undertaking a intensive bootcamp with Coder Academy in Brisbane Queensland, the Bootcamp is designed to give you the starting foundations to kick-start my career into the tech industry.

Languages & Tools

2022-03-11
Currently Learning 2022

Focus for 2022:

Come and check out what im learning... ▸

Read More

Skills

- Markup Languages
- Git
- Problem Solving
- Communication
- Wire-framing
- Interpersonal Skills
- Responsive Designs
- Front/Backend Frameworks

Resume

Blog

About
Experience
Blog
Contact

Why I'm Learning to Code

One of the main reasons I have decided to immerse myself into the tech space to to contribute to building functional applications and websites for people of all ages to enjoy. I love problem solving, analytics and challenging myself to achieve results that matter. You know that when you dream code your in the right place!

Blog

2022-03-07 11:00
Basic HTML

This is a blog about learing to code your first HTML document...

Read More

2022-03-06 15:00
Basic HTML

Create and link your first IMG link in HTML.

Read More

2022-03-04 07:40
Command Line for Beginners

Learning the basics for Terminal to be more efficent

Read More

2022-03-02 12:00
Create a class

Learning the basics in creating a class for...

Read More

2022-03-01 08:00
Learn CSS

Creating basic css styling for your HTML document..

Read More

+ Learning

About
Experience
Blog
Contact

Want to know what im working on currently?

Bootcamp 2022

Coder ACADEMY

Click here to learn more! ⬆

2022-03-13
Coder Academy Bootcamp 2022

Diploma of Information Technology

Term 1

INT1012: Introduction To Web

Learn HTML5, XHTML and CSS, as well as the fundamental skills to create websites and the principles of web design.

CMP1041 - Foundation Programming

Learn programming, software design, debugging and testing, and the techniques for designing and implementing algorithms as computer programs.

PRG1002 - Programming I

Learn the fundamental programming concepts and how to build programs.

Term 2

CMP1042 - Information Systems

As an introduction to Information Systems (IS) you'll analyse the theories and applications IS have for business solutions.

PRG1010 - Discrete Mathematics

Learn how mathematics is applied as part of Computer Science, with an emphasis on reasoned arguments, algebraic and computational skills.

PRG1048 - Database Systems

Learn the concepts and principles of database systems, as well as understand how data is structured and managed within a relational database.

PRG1006 - Programming II

I learn to code with HTML, CSS, Ruby, Rails, Git, JavaScript, APIs, React.

Term 3

CMP1043 - Introduction to Software Engineering

Learn the skills and knowledge to design sound structured computer programs.

Self Learning

codecademy

Click here to learn more! ⬆

2022-03-13
Online Learning

Learn Ruby

I learn the skills and knowledge to design sound structured computer programs.

Return

Contact

About
Experience
Blog
Contact

Lests Get in Touch?

First Name
Your name..

Last Name
Last name..

Company
Where are you from?..

Email Address
Email address..

Contact Number
+61

Message
Please add your message here..

Submit

MOBILE 320px

BLOG

Screen 1:

About
Experience
Blog
Contact

BLOG

2022-03-13
Basic Terminal

Create your first file directory

Lets have some fun creating your first directory folder in Terminal

Open Terminal on your mac

Lets make sure your in the correct directory by typing pwd, this will show you the current working directory you are sitting in.

Once your in the correct directory, type the following mkdir folder name and this enter

Now lets use check that we have completed the command by typing ls "as seen below, we have created the new directory"

Congrats!! you have made your first directory using Terminal

Extra Learning

Now lets create your first .txt file.

We do this using the Touchfollowed by space then type readme.txt and hit enter

Well Done!!!

Return

Screen 2:

About
Experience
Blog
Contact

BLOG

2022-03-13
Basic HTML

Create your first class

Lets have some fun creating your first class so you can start using CSS

Lets start off be creating a basic HTML skeleton as per out last session

To create a class we need to wrap it is something we call a (div), we will cover this off in another blog subject, but for now lets doa code along.

Now that we have the div created as per below lets get into adding the class. We call the below function class="?" as below to create the class. The ? represents the name you will give the class so you can identify the class for your ready to style the class with CSS.

Now you have added the class, the most important part to to ensure you close the div > to the action can be completed.

Congrats, you have just made your first class and you are nearly ready to dive into CSS or SASSY SCSS.

Return

Screen 3:

About
Experience
Blog
Contact

BLOG

2022-03-13
LEARNING HTML

Setting up basic HTML Document

Let get started by creating your very first html document using basic two key strokes

Create a new document and give it a name index.html (click save)

One the first line hold shift+1 (!) then hit [tab]

Congrats you have just learned the first step in getting started.

Return

Screen 4:

About
Experience
Blog
Contact

BLOG

2022-03-13
Basic HTML

Create your first image link

Lets get you started by creating the directory folder [IMG]

T1A2_P...
> docs
> ppt
> src
> img
> scss

Start of by creating a new directory and giving it a name of img (This will be a container for all the imgages you add to the site.

Once you have created the directory simply drag or import the jpg,png, file into the folder

Now lets get the image onto the page!!!

To create a link you need to create a tag to wrap the image, the tag only needs to be closed with a >

Now lets code... add the below inside the body tag

img scr='./yourimagename.jpg' make sure your wrap it with < add it here >

Congrats, you have added your very first img to your site

Return

Screen 5:

About
Experience
Blog
Contact

BLOG

2022-03-13
Learn CSS

Link a CSS stylesheet to your HTML Document

Lets have some fun creating your first stylesheet so it can talk to your HTML documents.

Lets start off be creating a CSS directroy inside your project file

Now you have done that, lets create a new file called style.css

Here is the most important function we need to execute.. "link rel="stylesheet" href="style.css'/ make sure you open and close it with < > tags to make sure it is called.

If your HTML looks like the above you are halfway there.

I want you to add your own styling font-size: ect and hit refresh...

NOW you are on your way to becoming a little tech guru!

Well Done!
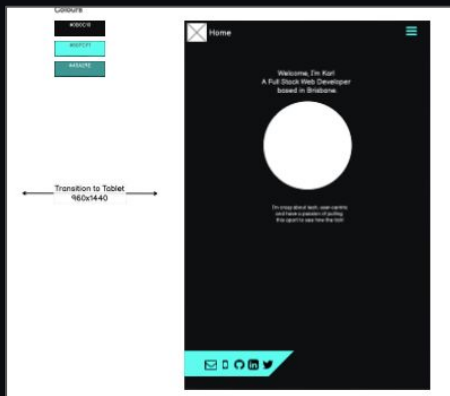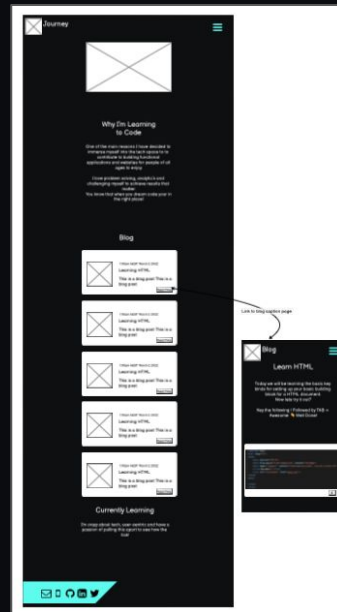
Return

TABLET- (WORKINGS)

Tablets- Medium Size
`(min-width: 769px) and (max-width: 992px)`

TABLET- OVERVIEW

All pages have consistent navigation bar that allows the user to navigate back to index.html (Home) page.
Responsive Navbar | Return to Home <a> | Footer links via graphical icons.

| **Home** index.html	About me.html	Experience experience.html	Blog journey.html	Contact contact.html
Initial concept was binned and replaced with clean version transferred from the mobile version. **Added** multiple @media Q to make components more visible to the user whilst keeping ratio within preset @mixin presets for the page container margins.	**Initial concept** in regards to layout is similar, with inherited features as per the new design. **Extra margins** added and font-size scaling improved responsiveness such as rem.	**Initial concept** in regards to layout is similar, with inherited features as per the new design. Container **added** to contain the icons from the original concept with the addition of the read more button to give the user more info on the subject via **click.**	Added **Media Queries** to adjust the content of the blog containers for visual UX. **Reduced** the original border weight as the first pass was to heavy and caused the user to strain their eyes. Increased rem size.	Increased **rem size** on font-size. **Adjusted** the blog container to adjust to the screen size and **adjusted the size** of the submit button to give the user a better line of site.

TABLET WIREFRAMES- FINALS
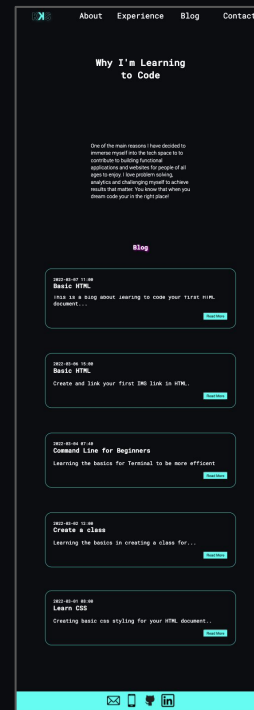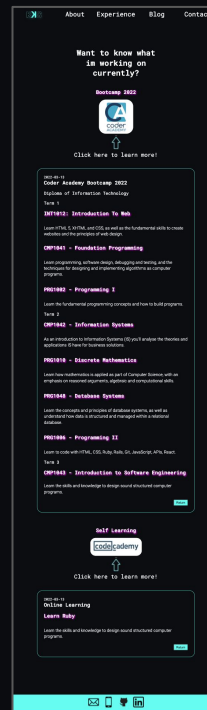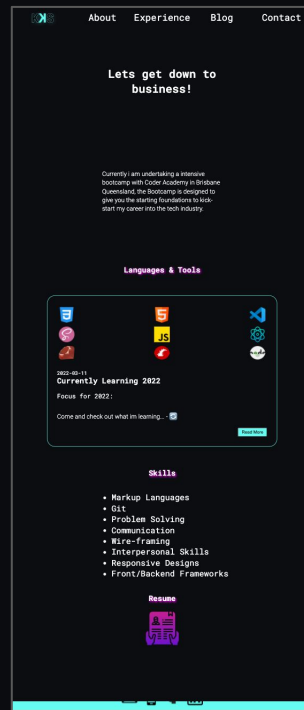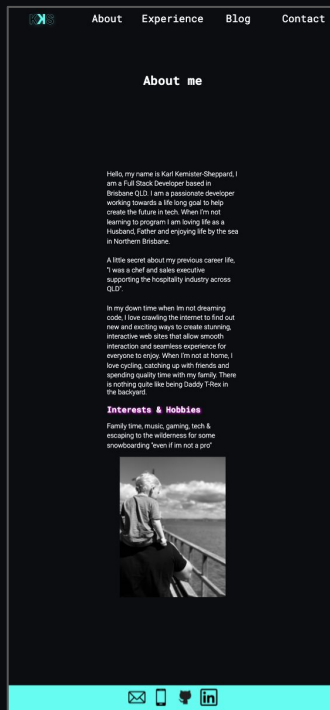
TABLET WIREFRAMES- FINALS

BLOG
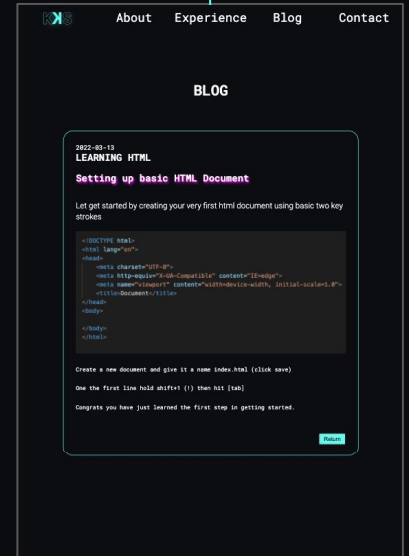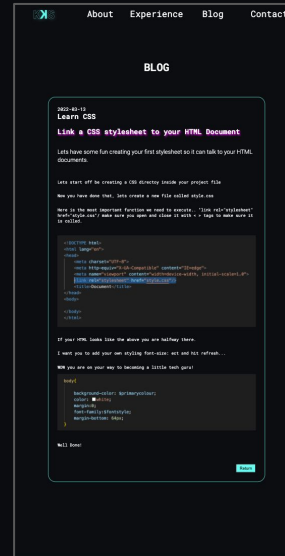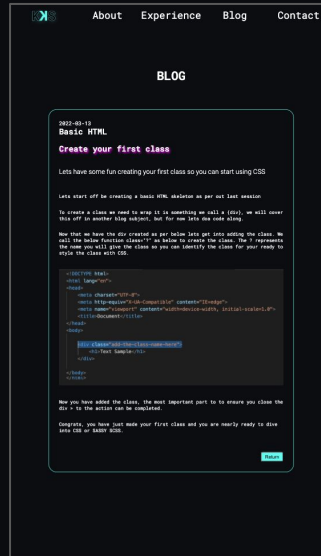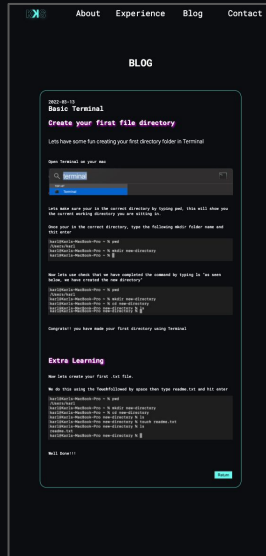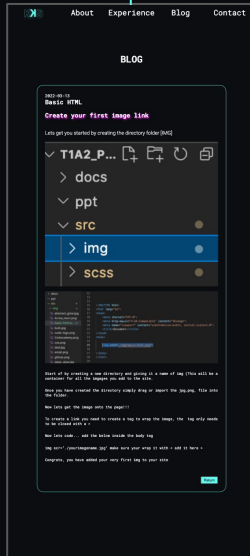
DESKTOP- (WORKINGS)

Desktop- Large Devices
`(min-width: 993px) and (max-width: 2500px)`
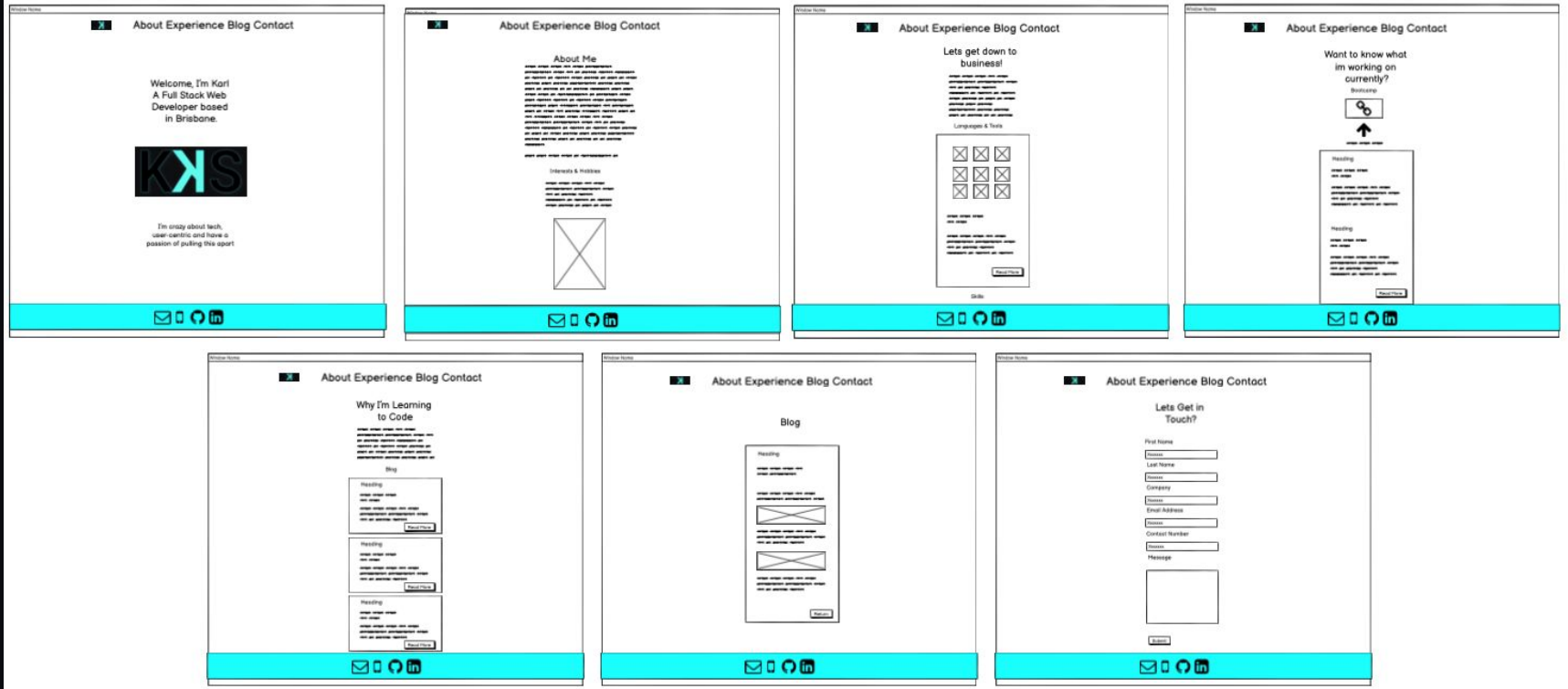
DESKTOP- OVERVIEW

All pages have consistent navigation bar that allows the user to navigate back to index.html (Home) page.
Responsive Navbar | Return to Home <a> | Footer links via graphical icons.

| **Home** index.html	**About** me.html	**Experience** experience.html	**Blog** journey.html	**Contact** contact.html
First concept wireframes where aimed at having the breakpoint change the Flexbox (flex-direction) to column, but after deciding to simplify the landing page i decided to keep the same feel when you land on all devices. **Main** change was to change the direction of the navigation bar to sit in row rather than column as in previous display presets	**Amended the** FlexBox properties to change the NavBar back to row (flex-direction) row, to ensure the NavBar increases the viewport for the UX. **Rem** font-size adjusted to adjust to the new viewport size.	**Amended the** FlexBox properties to change the NavBar back to row (flex-direction) row, to ensure the NavBar increases the viewport for the UX. **Rem** font-size adjusted to adjust to the new viewport size.	**Further adjustments** made to the rem for all font-sizes to ensure readability. **Adjusted** container width and margins to align the content to compensate for increased view size so the user doesn't have to read screen edge to edge.	**Font-size** for all texts adjusted to fix screen viewport. **Reduced** form width to be more central to the page content. **Increased** button size.

DESKTOP- FINALS
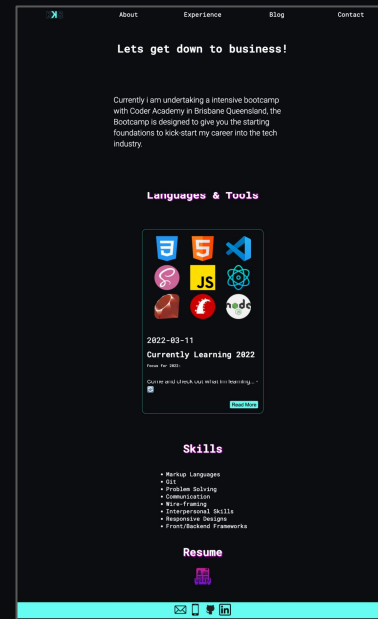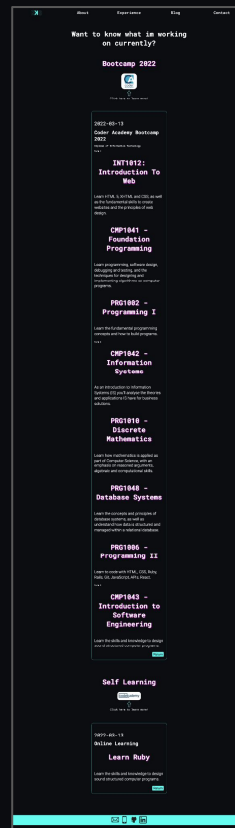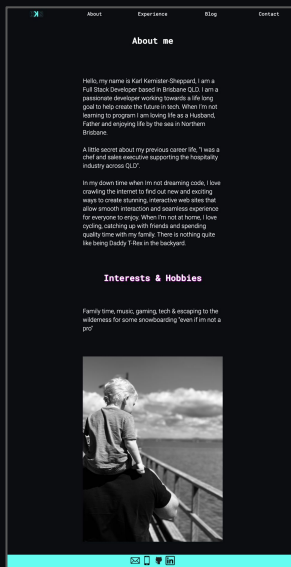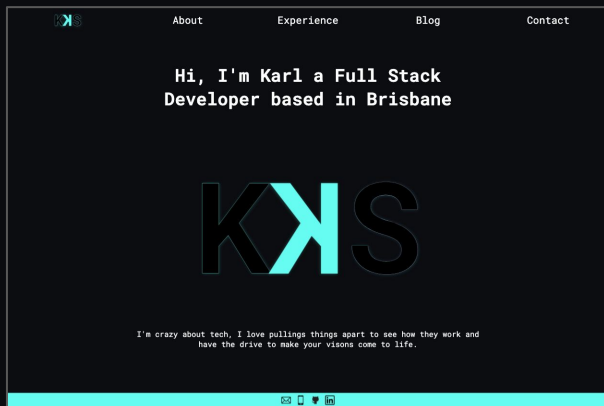
DESKTOP- FINALS

BLOG
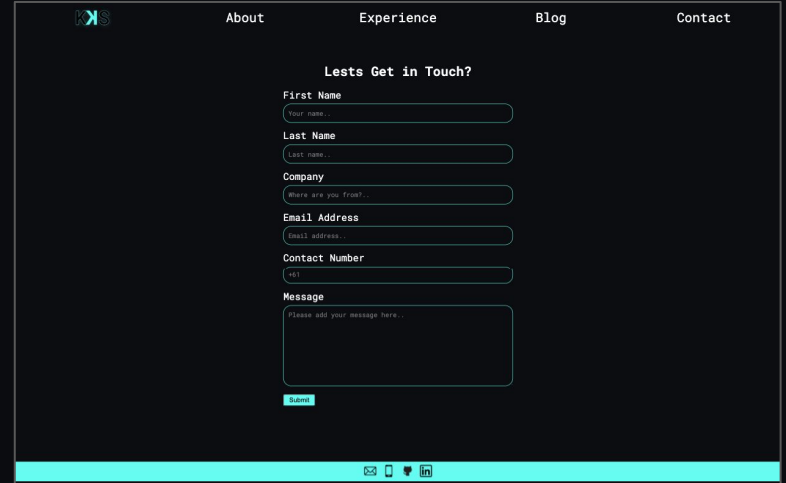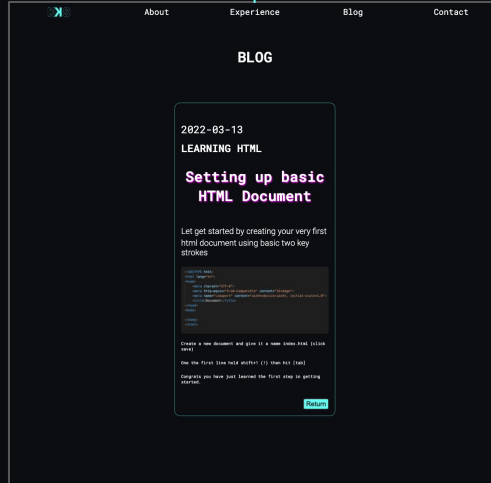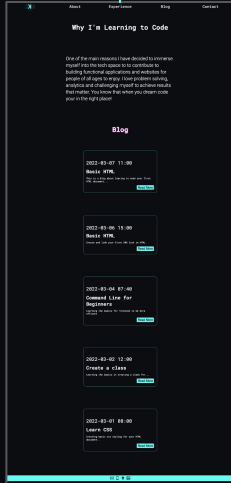
Components

All pages have contain a mix of components listed below.

Navigation Bar

KKS	About	Experience	Journey	Contact

Logo

Contact Form

First Name

Your name..

Last Name

Last name..

Company

Where are you from?..

Email Address

Email address..

Contact Number

+61

Message

Please add your message here..

Submit

Footer Bar

Icons Anchors

Buttons

2022-03-02 12:00

Where to start Learning

Some basic building blocks for getting started in Web Development...

Read More

Colour Palette

0B0C10	66FCF1	FF00FF
Rich Black FOGRA 39	Turquoise Blue	Magenta

Components Breakdown

List of Components used in the Website - Styling & Audience

Navigation Bar

Navigation bar is designed to help the user navigate through the website- with the addition of return to home logo. Nav bar is set to fixed position to ensure the user can quickly change pages without excessive scrolling.

Features include pseudo :hover state. Flexbox positioning properties to give the user 2-3 main viewport layouts depending on their device size.

Footer Bar

Footer bar is styled to be bold, vibrant and clean. Pseudo :hover scale properties have been added to clearly identify when pointer is hovering over the icon <a> link.

Flexbox styling added to center align the icons inside the footer bar so it scales based on the display size.

Each icon links directly to Email, Phone, GitHub & Linkedin

Logo

There are various Pseudo :hover properties added throughout the website to give the user a fun and exciting experience whilst navigating the site.

Eg. When the hover function is initiated- the blog container actives a box-shadow and increase the container size and emits neon purple glow.

Components Breakdown

List of Components used in the Website - Styling & Audience

Icons Anchors

<a href> tags have been added inside the header, footer, blog containers to improve site navigation and user experience.

They have been styled with scss (sassy) positioning executed with display flexbox and standard css properties.

Contact Form

Added basic contact form to allow the user a simple yet effective way to get in touch.

Sassy styling has been applied to the parent container to ensure it follows the website theme.

Required setting applied to all inputs, and connected the form submit button to formsubmit.co to connect endpoint to fwd the email directly to designated email address.

Buttons

The site has various <button> tags throughout the website. These are places specifically in sections where the user can click to "read more".

This option allows the site to retain a slim visual look, but offers the user the option to expand or navigate the document content if they wish to read more.

Review

General overview- The development process was challenging yet fun and addictive. I found myself pushing the boundaries to learn more effective ways to execute the commands i wanted to achieve based on my current understanding of the concepts and processes i wanted to achieve throughout the design and development stages.

Challenges

Creating **hamburger** navigation menu- complex process for current skill level. Nil understanding of **JS** functions and how it works.

Flexbox- Understanding when to call display flex and set properties on the parent container. This required additional support and further training using online tutorials.

Ethical issues

Limited issues in relation to user **privacy and security** as the site only contains a contact form that when completed sends their private details to the site owners designated email address.

Highlights

Logo- Vibrant, fresh & Energetic

Box Containers (Blog)- Excitement

Responsive website that works on large variety of display screens.

Color palette chosen emits a trustworthy, calming, young and energetic energy to the user.

KKS

THANK YOU