

ITC293 Assessment Item 4

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Live Website: <https://sam-webp.github.io/PortfolioCSU/>

Video Walkthrough:

https://drive.google.com/file/d/1P2rkL76_bOsq5ihIjolq9mxefbyVX6WD/view?usp=sharing

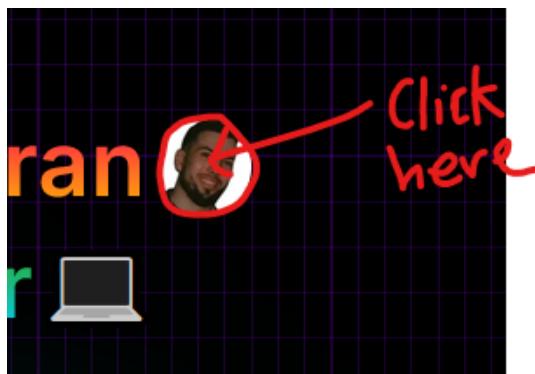
Cover Page / HTML & CSS Requirements

I like this assignment because it gives me the chance to create a portfolio site that I might be able to use in real life. However, there are a lot of HTML & CSS requirements that I understand are needed for testing our ability to use them, however, I believe that using them all on every page will make the page not look as good as it could. So to combat this, **I have met all the requirements for the HTML and CSS by including a “modal” that can be activated on each page. The way the modal gets activated is slightly different for each page, I will provide instructions for each page below.** The reason for this is that it allows me to create a section within the HTML and CSS which is hidden from the page to allow for me to have my creative freedom whilst also meeting the requirements for this assessment.

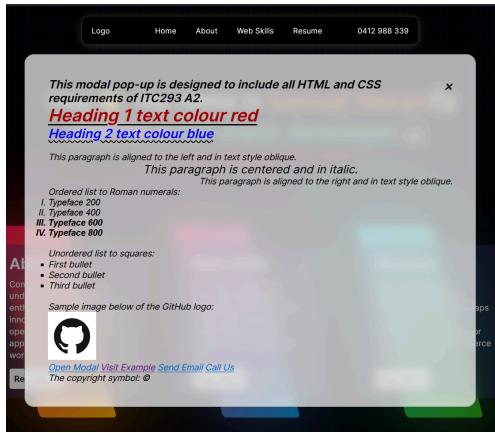
Activating it on the index.html page:

Click on my image on the homepage to activate the modal on this page.

Before clicking:



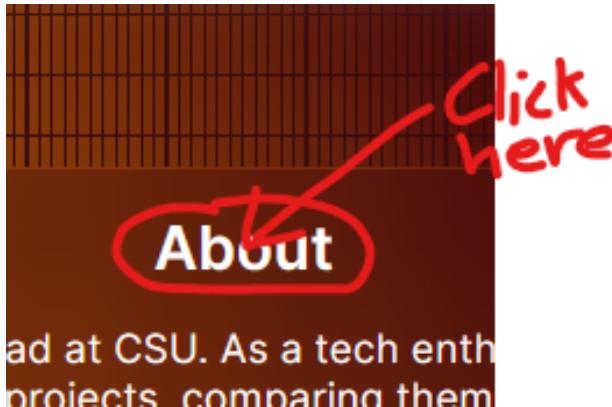
After clicking:



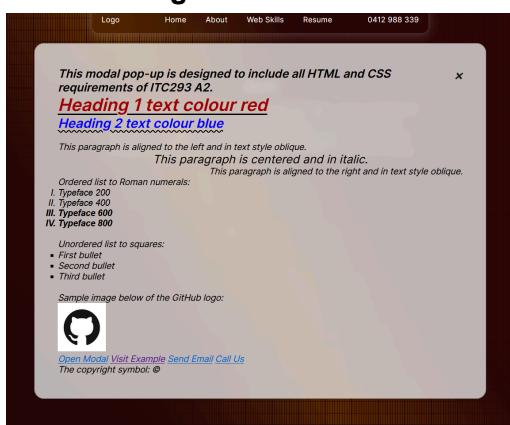
Activating it on the sm_A1_about.html page:

Click on the “About” text on the about page to activate the modal on this page.

Before clicking:



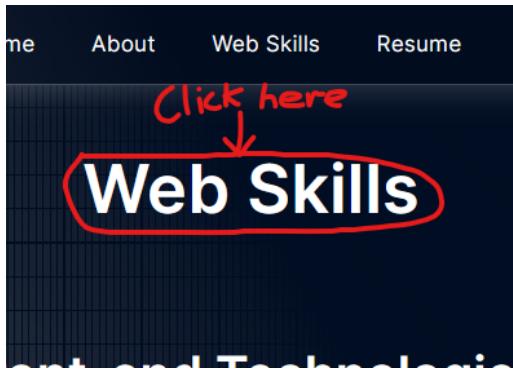
After clicking:



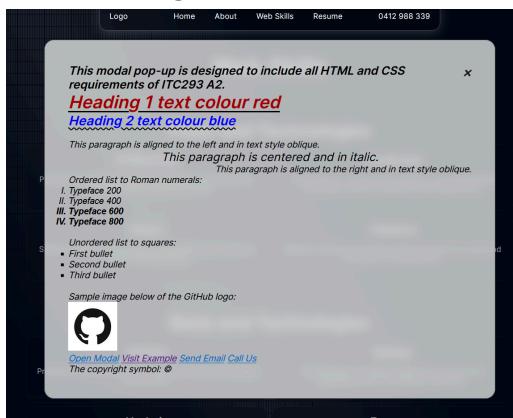
Activating it on the sm_A1_web-skills.html page:

Click on the “Web Skills” text on the about page to activate the modal on this page.

Before clicking:



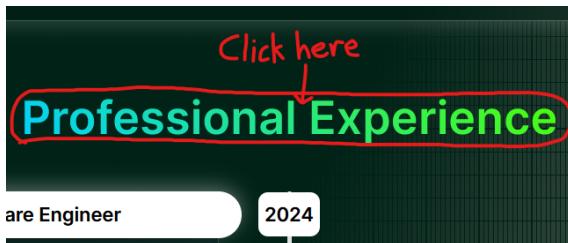
After clicking:



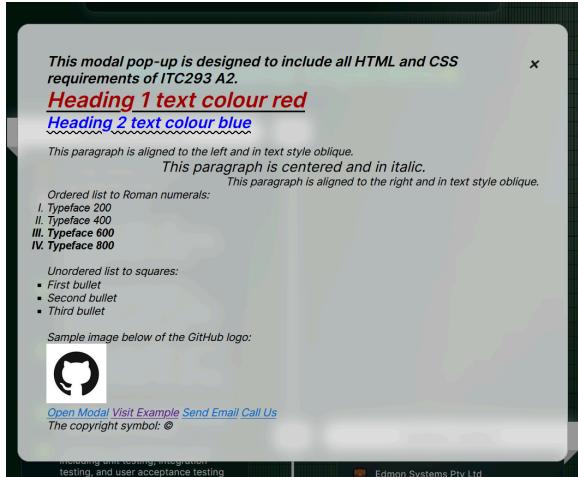
Activating it on the sm_A1_resume.html page:

Click on the “resume” text on the resume page to activate the modal on this page.

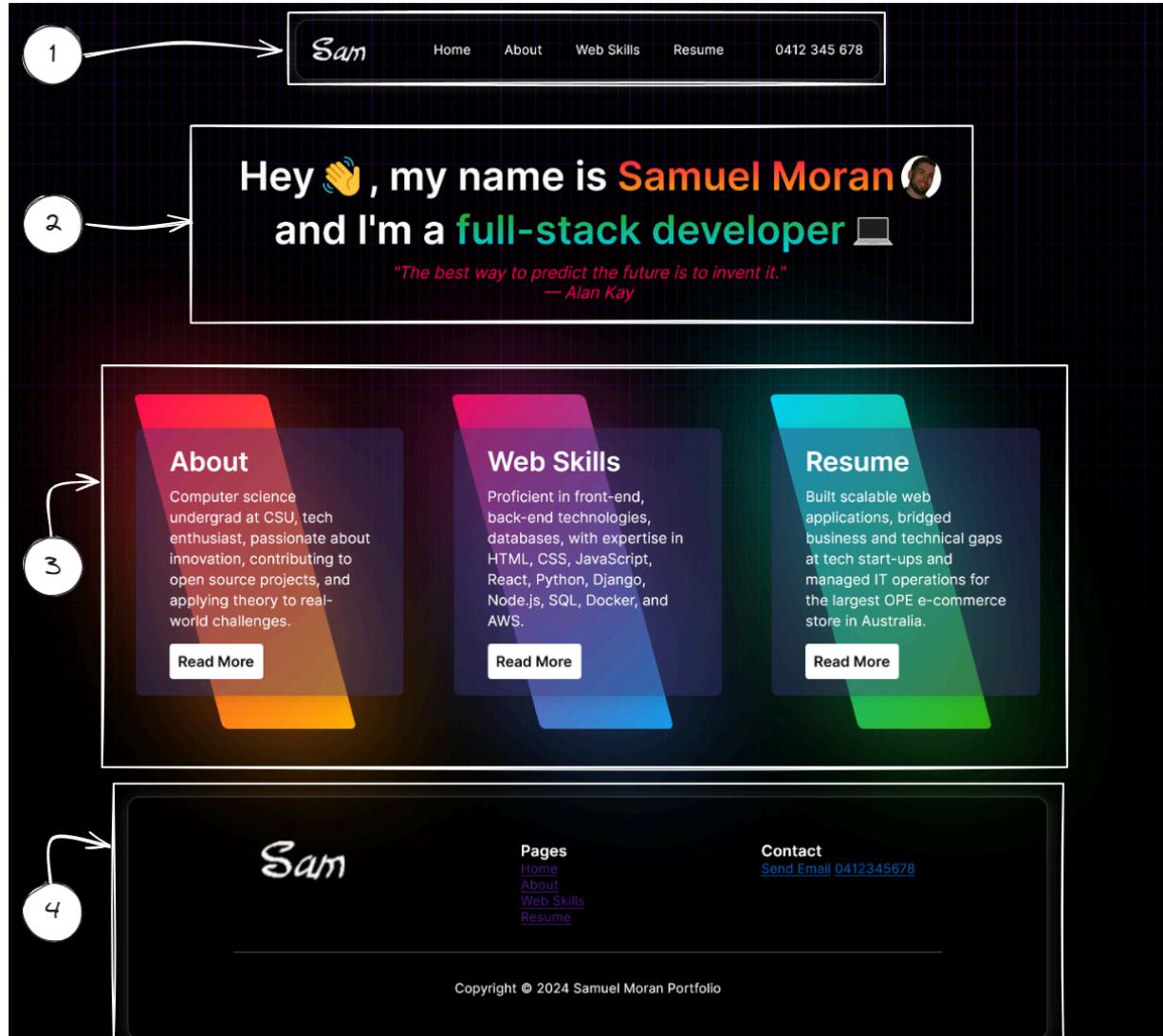
Before clicking:



After clicking:



CSS Design

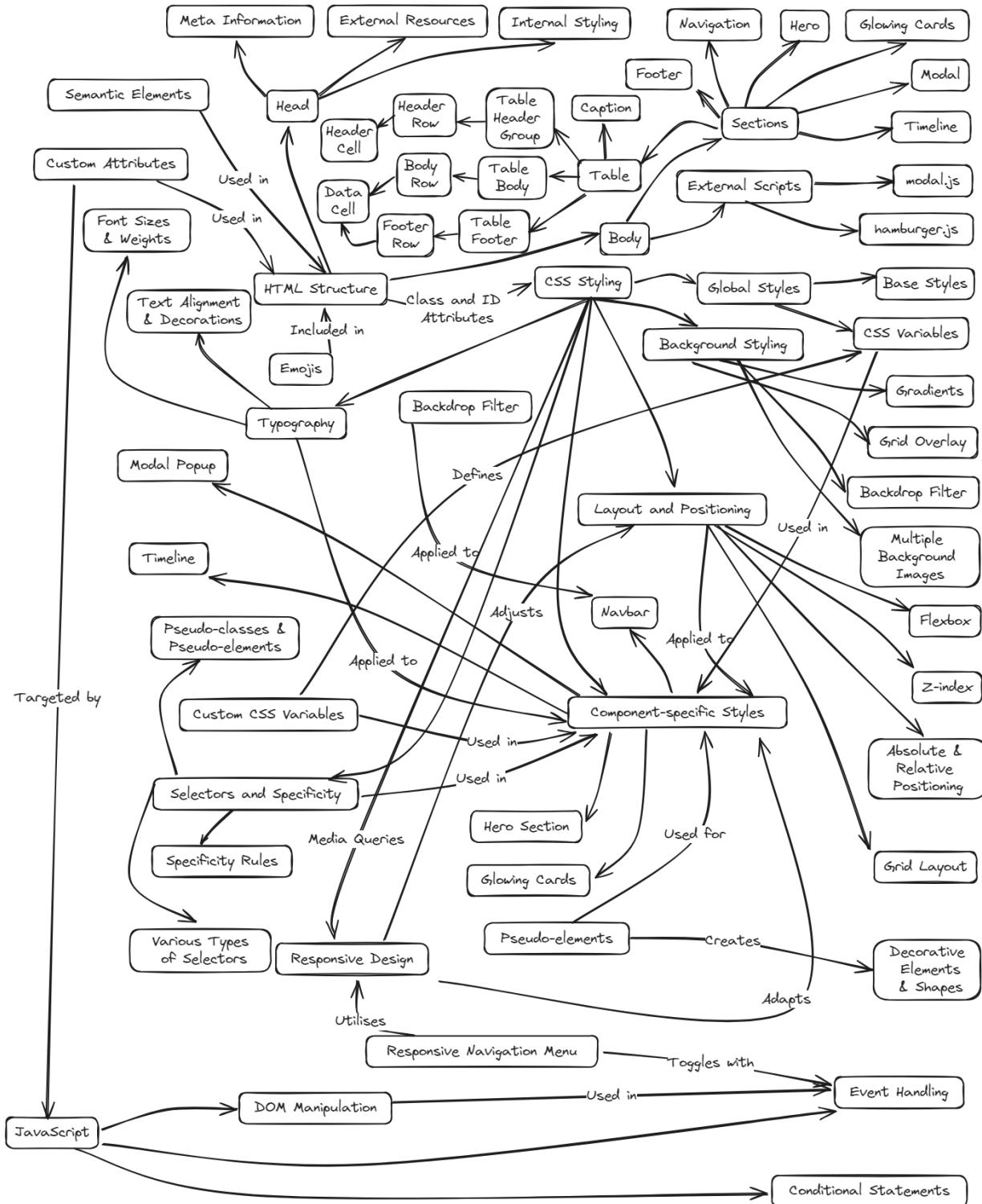


All pages have 4 main sections which follow similar CSS design amongst them. These sections are the navbar, heading, main content and the footer. Here are the overlapping design decisions for each of these sections:

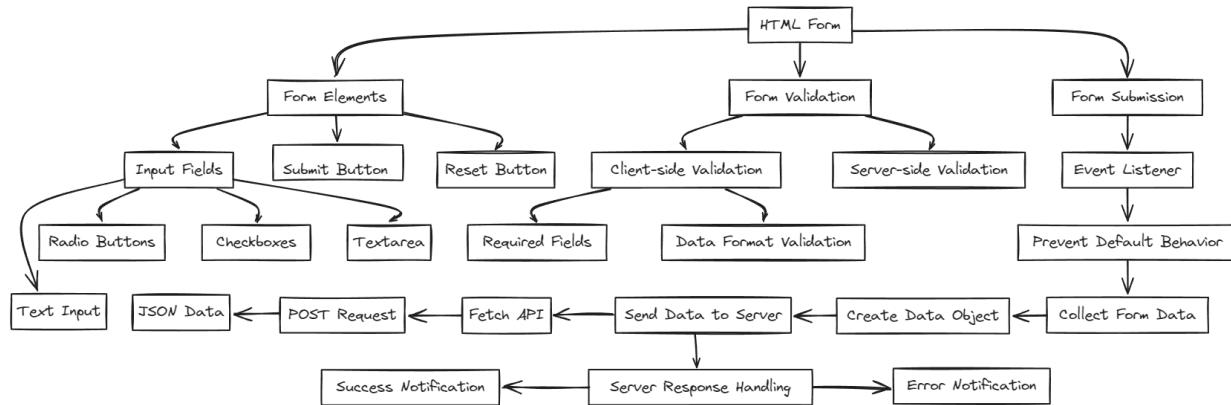
1. **Navigation Bar:** Appears on all pages so that the user has easy access to all the main pages within the site. Here are some CSS design decisions for the navbar:
 - 1.1. **Semi-Transparent Background:** this gives the navbar a modern look and also allows the background colour to slightly change depending on the background of the page that it is on. This ensures that the styling for the navbar is dynamic to the theme of the specific pages.

- 1.2. **Sticky Positioning:** Through using 'position: sticky', the navigation bar will adhere to the top of the viewport as the user scrolls to ensure that it is always on the top and easily accessible to the user.
 - 1.3. **Hamburger Menu:** This allows a hamburger menu to show on smaller screens to give better device compatibility.
 - 1.4. **Hover Effects:** Links within the navbar are styled to appear differently when the user hovers over them to indicate to the user that they are interactive elements that can be clicked on.
 - 1.5. **Border Styling:** The navbar has a subtle shadow and a border that enhances its floating effect, making it stand out against the background content.
2. **Heading:** the headings on each page are slightly different and have different styles applied to them. To see specifically what styles are applied to which headings, check out the story boards below
3. **Main Content:** the main content for each page varies depending on the purpose for the page. The styling amongst the pages throughout the sites are similar, however, due to the different layouts and content, please see the below storyboards for the specific styles and explanations.
4. **Footer:** Appears on all pages and displays all the pages within the site. It also shows the copyright permission and contact details so that no matter what page the user is on within the site, the user has easy access to this important information.
 - 4.1. **Semi-Transparent Background:** this gives the footer a modern look and also allows the background colour to slightly change depending on the background of the page that it is on. To ensure that the styling for the navbar is dynamic to the theme of the specific pages.
 - 4.2. **Flexible Box Layout:** to arrange footer content in a column on larger screens and center items both horizontally and vertically. This allows the footer to dynamically adapt across screen sizes.
 - 4.3. **Border Styling:** The footer has a subtle shadow and a border that enhances its floating effect, making it stand out against the background content.

Concept Map A2 & A3



Concept Map A4

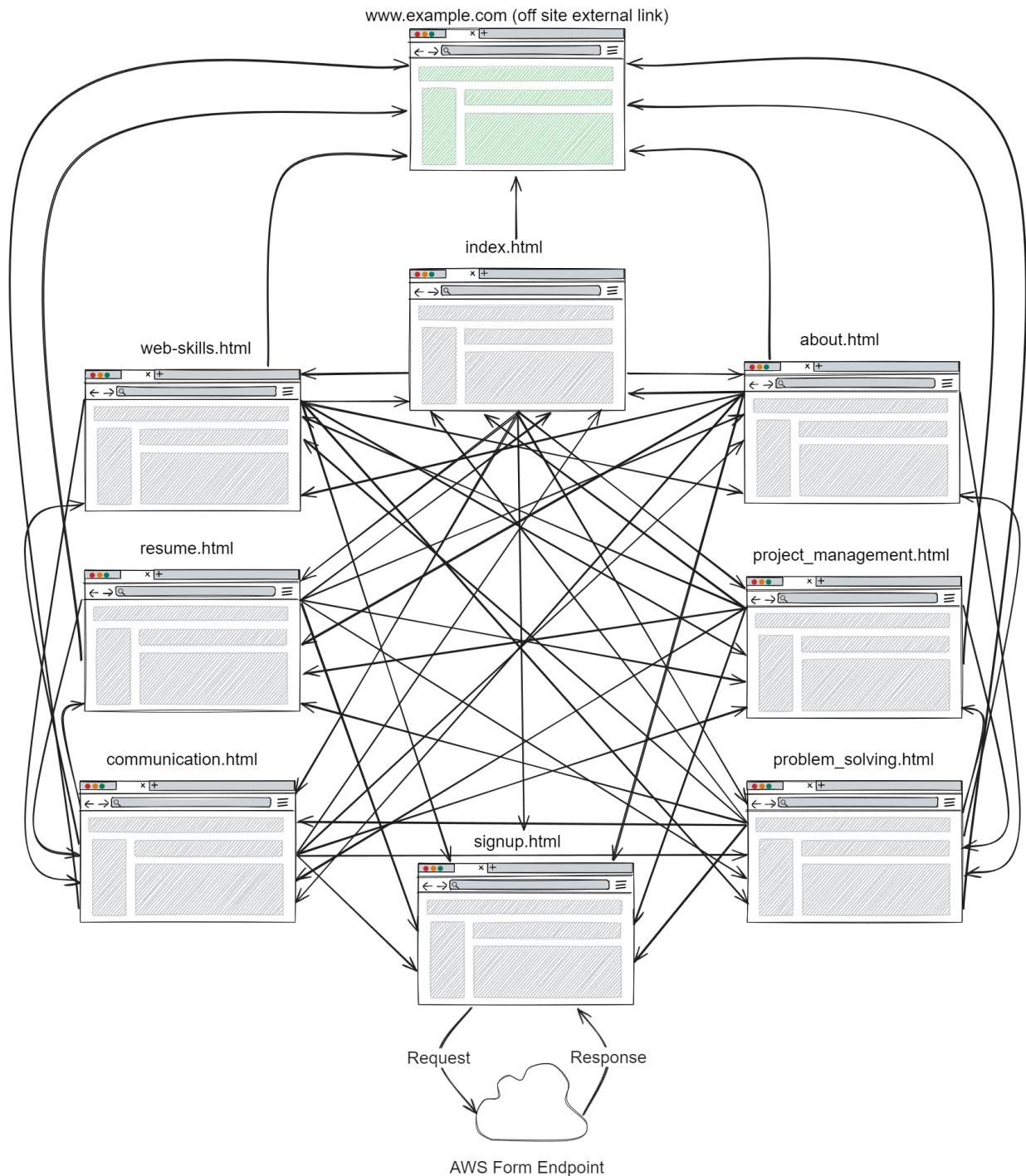


A4 Updated Navigation Map (Logical)

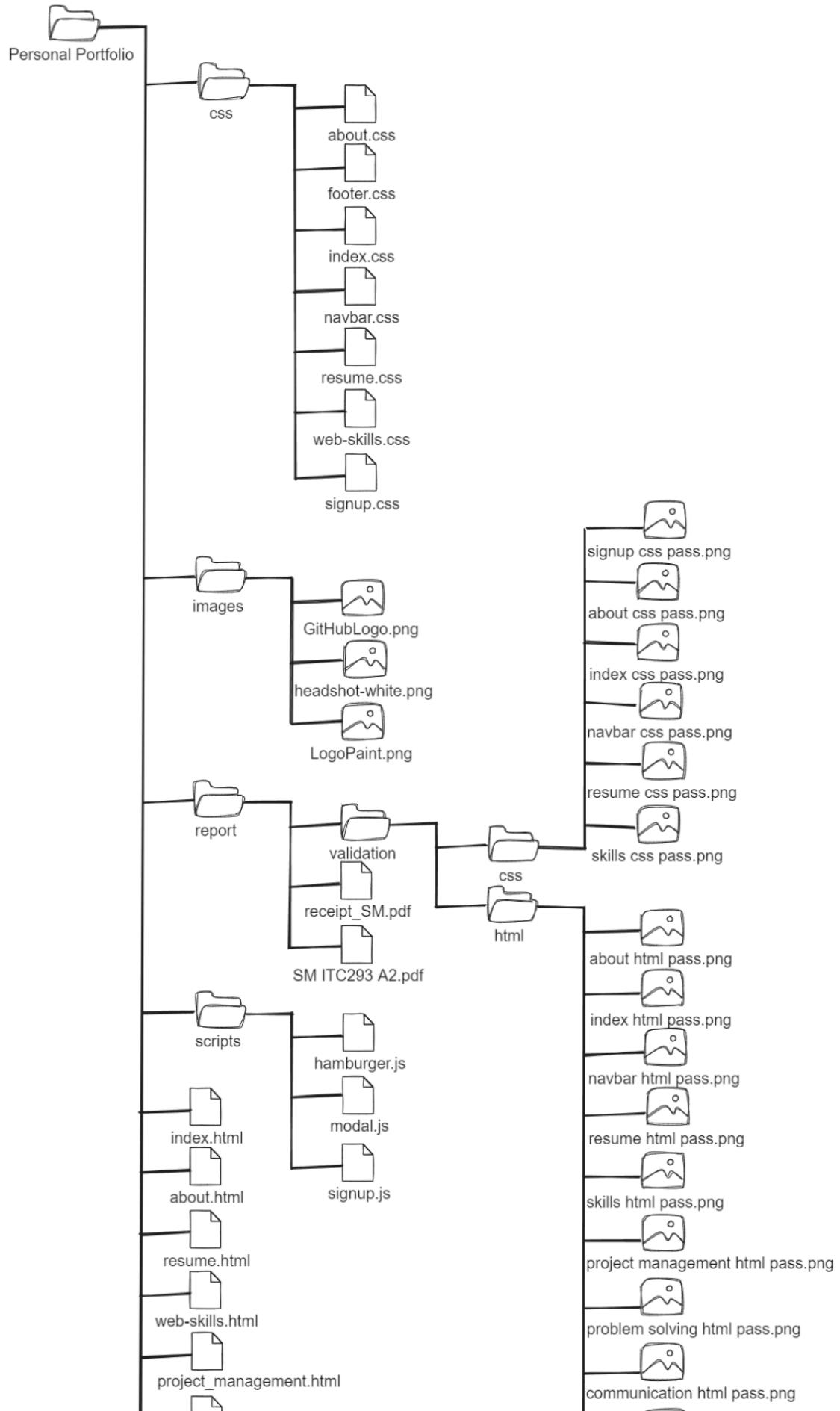
External Pages: All internal pages link to the external page example.com through the modal pop-up, but there is no direct link back.

Internal Pages: All internal pages can navigate back and forth between each other through the navigation bar.

Newsletter Signup Page: All pages can navigate to the signup.html page through the footer and the signup page connects to the AWS endpoint to send through the information once submitted.



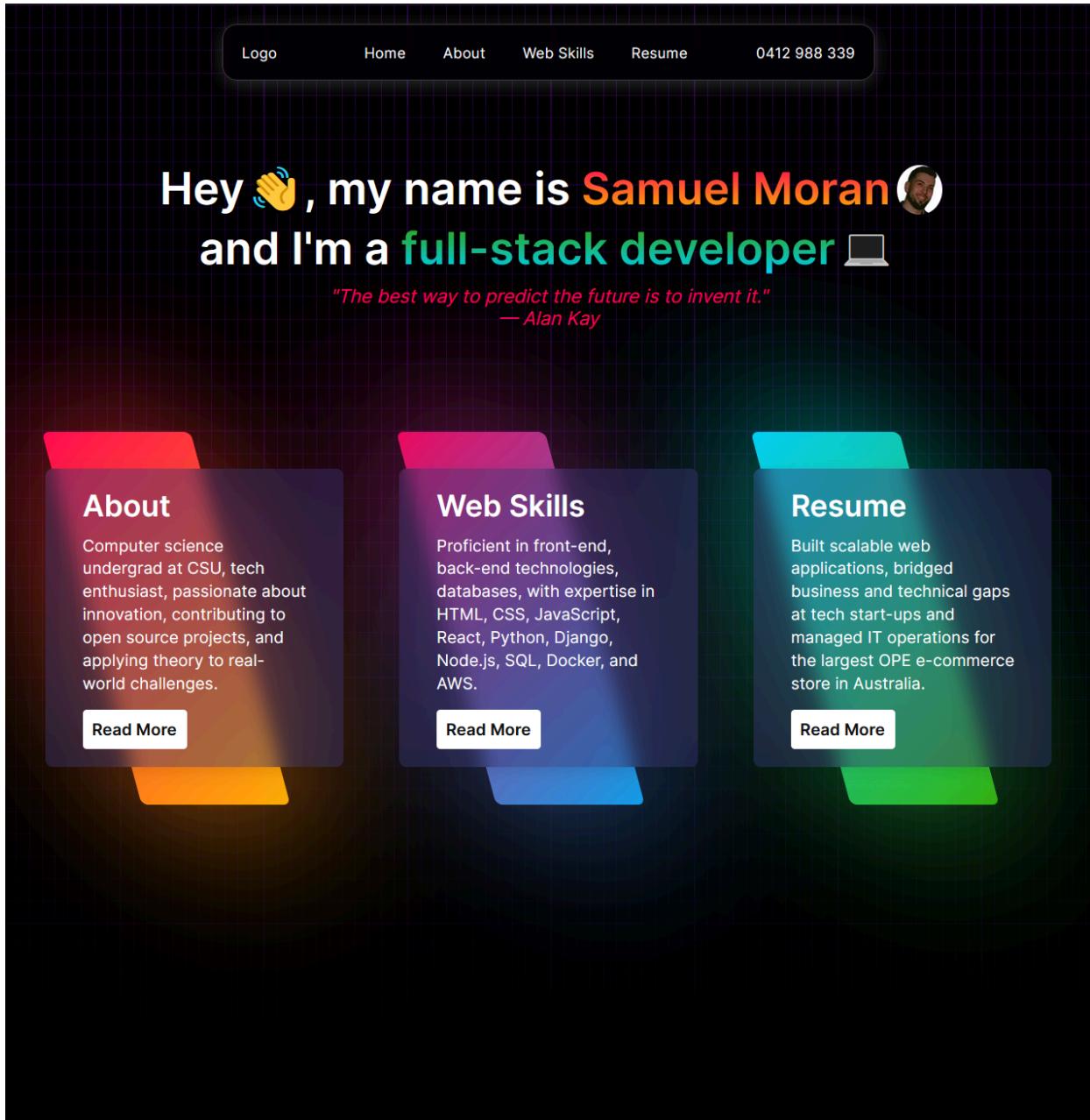
A4 Updated Structure Chart (Physical)



Storyboards

index.html Storyboard

Screenshot



Horizontal Navigation

Navigation to the other pages is done through the nav bar. The homepage can also navigate to other pages from the cards (more on this section below).

```
<nav id="navbar">
    <div class="hamburger">
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
    </div>
    <div class="nav-logo">Logo</div>
    <ul class="nav-links">
        <li><a href="index.html">Home</a></li>
        <li><a href="sm_A1_about.html">About</a></li>
        <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
        <li><a href="sm_A1_resume.html">Resume</a></li>
    </ul>
    <div class="nav-phone">0412 345 678</div>
</nav>
```

Background Pattern Design

The background of the page has a cool grid look with a gradient that fades out towards the bottom.

The background for this page has a faint grid in the background that adds some texture to the overall design. I did this with the below CSS:

```
body::before {
    content: "";
    position: fixed;
    top: 0;
    left: 0;
    width: 100vw;
    height: 100vh;
    z-index: -1;
    background-image:
        linear-gradient(to bottom, var(--background-gradient-start),
var(--background-gradient-end)),
        linear-gradient(to right, rgba(146, 16, 245, 0.252) 1px, transparent
1px),
        linear-gradient(to bottom, rgba(136, 0, 255, 0.206) 1px, transparent
1px);
    background-size: 100% 100%, 14px 24px, 14px 24px;
    background-repeat: no-repeat, repeat, repeat;
```

```
    pointer-events: none;  
}
```

Heading Colors and Emojis

The heading has different colors for different texts and includes emojis.

```
<h1>  
    Hey&#128075;, my name is <span class="orange-gradient-text">Samuel  
Moran  
    <span class="headshot-container" id="myBtn">  
          
    </span>  
    </span>  
    and I'm a <span class="green-gradient-text">full-stack  
developer</span>&#128187;  
</h1>
```

Coloured Texts in Heading with Emojis

I added spans within my heading to include different styles to specific words within the heading and emojis.

```
<h1>  
    Hey&#128075;, my name is <span class="orange-gradient-text">Samuel  
Moran</span>  
    and I'm a <span class="green-gradient-text">full-stack  
developer</span>&#128187;  
</h1>
```

Heading Gradient Colours

I used background-image with linear-gradient to get the gradient effect on the words within the heading.

```
.orange-gradient-text {  
    background-image: linear-gradient(to top, var(--highlight-color-1),  
var(--highlight-color-2));  
}  
  
.green-gradient-text {  
    background-image: linear-gradient(to bottom,  
var(--highlight-color-4), var(--highlight-color-5));  
}
```

Base Setup for Cards

Each card is within a div and has the class ‘.box’ which is set up to be a flex container to have the content within centered and the initial state is a relative position so that it has a stacking context for the absolute positioned pseudo-elements. These cards contain the links to the other main pages (About, Web Skills and Resume), on the website.

```
.glowing-cards .box {  
    position: relative;  
    width: 320px;  
    height: 400px;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    margin: 40px 30px;  
    transition: 0.5s;  
}
```

Card Pseudo-elements for Glow Effect

This section is to create the glow effect with a blur, and it is skewed to give the visual effect of it being positioned off center and to make the glow come from the side.

```
.glowing-cards .box::before,  
.glowing-cards .box::after {  
    content: '';  
    position: absolute;  
    top: 0;  
    left: 50px;  
    width: 50%;  
    height: 100%;  
    background: #fff;  
    border-radius: 8px;  
    transform: skewX(15deg);  
    transition: 0.5s;  
}  
  
.glowing-cards .box::after {  
    filter: blur(100px);  
}
```

Card Hover Effect

This removed the skew so that the pseudo-elements are expanded to cover more of the card which enhances the glow effect and transitions smoothly.

```
.glowing-cards .box:hover:before,  
.glowing-cards .box:hover:after {  
    transform: skewX(0deg);  
    left: 20px;  
    width: calc(100% - 90px);  
}
```

Dynamic Card Colours

This is to give each card its own colour theme by using different colour themes. Below is an example from the first card, but the others are done similarly but with different colours.

```
.glowing-cards .box:nth-child(1):before,  
.glowing-cards .box:nth-child(1):after {  
    background: linear-gradient(315deg, var(--highlight-color-1),  
var(--highlight-color-2));  
}  
  
/* Similar setup for the other cards but with different colours*/
```

Additional Card Animated Elements

These are some extra animations to make it look more dynamic and give the glowing appearance a cooler effect. This is done through using the pseudo-elements ::before and ::after

```
.glowing-cards .box span::before,  
.glowing-cards .box span::after {  
    /* Initial styles */  
    transition: 0.5s;  
    animation: animate 2s ease-in-out infinite;  
}  
  
.glowing-cards .box:hover span::before,  
.glowing-cards .box:hover span::after {  
    /* Hover styles */  
    opacity: 1;  
}
```

Card Key frame Animations

The key frame animations are called ‘animate’ to create subtle movements to make the cards feel more alive. It makes the elements slightly move up and down when the card is being hovered over.

```
@keyframes animate {  
    0%, 100% { transform: translateY(10px); }
```

```
    50% { transform: translateY(-10px); }  
}
```

Print Friendly

Adjusting the styles so that the homepage is print friendly.

```
@media print {  
    /* Hide all non-essential elements */  
    nav#navbar, .modal, footer#footer, .hamburger, #myModal,  
.modal-content, .navigation, .grid-overlay {  
        display: none;  
    }  
  
    /* Simplify the page background and text for printing */  
    body {  
        background: none;  
        color: black; /* Ensure text is black for better print visibility */  
        font-family: 'Times New Roman', serif; /* More print-appropriate font  
    */  
        font-size: 12pt; /* Standard print size for better readability */  
    }  
  
    /* Set all images to a maximum width to fit within the print layout  
    */  
    img {  
        max-width: 100%;  
    }  
  
.orange-gradient-text, .green-gradient-text {  
    color: black;  
}  
  
/* Remove custom gradients and backgrounds */  
.content-wrapper, .page-wrapper {  
    background: none;  
}  
  
/* Ensure the content is not cut off */  
.content-wrapper, .page-wrapper, .skill-container, #hero-section,  
#timeline ul {  
    width: 100%;  
    max-width: none;  
    margin: 0;
```

```

padding: 0;
}

/* Ensure tables are fully visible and legible */
.tables table {
width: auto; /* Auto-adjust table width */
max-width: none; /* Remove maximum width restriction */
}

/* Adjust text and heading sizes for readability */
h1, h2, h3, p, .descr .item-text {
font-size: larger; /* Larger font size for print */
}

/* Make sure all text is visible and not clipped */
.descr, .title {
padding: 10px;
border: 1px solid black; /* Add a border for definition */
}

/* Adjust timelines for better legibility */
#timeline ul li .job-title, #timeline ul li .title, #timeline ul li
.descr {
border: none; /* Remove complex borders */
background-color: white; /* Set a simple background */
color: black; /* Ensure text is black */
}
}

```

Footer

Appears on all pages and displays all the pages within the site. It also shows the copyright permission and contact details so that no matter what page the user is on within the site, the user has easy access to this important information.

```

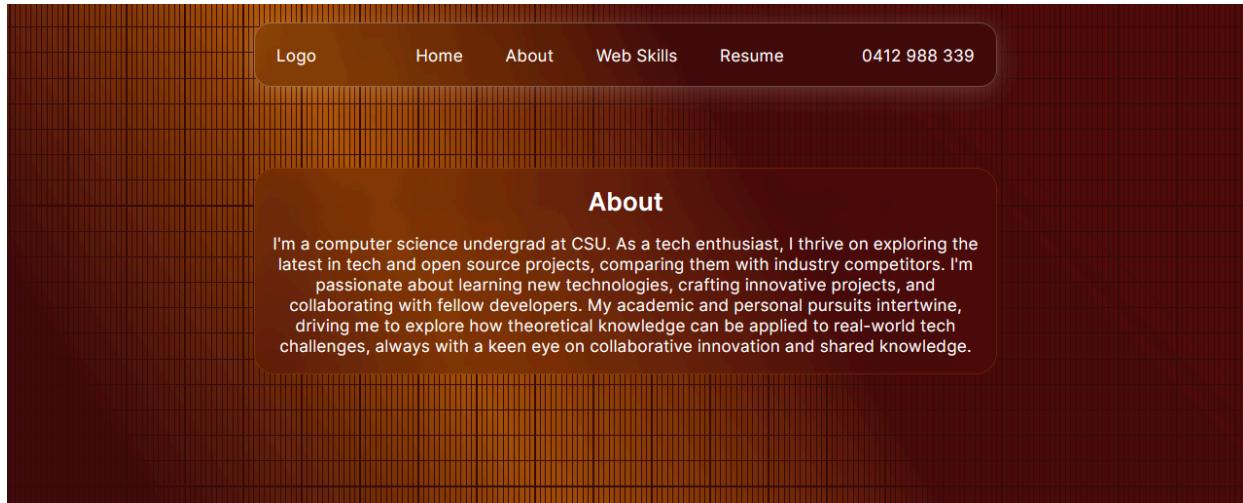
<footer id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">
            <ul>
                <li><h3>Pages</h3></li>

```

```
        <li><a href="index.html">Home</a></li>
        <li><a href="sm_A4_about.html">About</a></li>
        <li><a href="sm_A4_web-skills.html">Web
Skills</a></li>
            <li><a href="sm_A4_resume.html">Resume</a></li>
        </ul>
    </div>
    <div class="footer-skills">
        <ul>
            <li><h3>Skill Pages</h3></li>
            <li><a href="sm_A4_project_management.html">Project
Management</a></li>
                <li><a href="sm_A4_problem_solving.html">Problem
Solving</a></li>
                    <li><a
                        href="sm_A4_communication.html">Communication</a></li>
                    </ul>
                </div>
                <div class="footer-contact">
                    <h3>Contact</h3>
                    <a href="mailto:samuel@example.com">Send Email</a>
                    <a href="tel:+1234567890">0412345678</a>
                </div>
                <div class="footer-newsletter">
                    <h3>Signup Newsletter</h3>
                    <a href="sm_A4_signup.html" target="_blank">Newsletter
Signup</a>
                </div>
            </div>
            <hr>
            <div class="copyright">Copyright &copy; 2024 Samuel Moran
Portfolio</div>
    </footer>
```

sm_A4_about.html Storyboard

Screenshot



Horizontal Navigation

Navigation to the other pages is done through the nav bar.

```
<nav id="navbar">
    <div class="hamburger">
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
    </div>
    <div class="nav-logo">Logo</div>
    <ul class="nav-links">
        <li><a href="index.html">Home</a></li>
        <li><a href="sm_A1_about.html">About</a></li>
        <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
        <li><a href="sm_A1_resume.html">Resume</a></li>
    </ul>
    <div class="nav-phone">0412 345 678</div>
</nav>
```

Background Pattern Design

The grid pattern background is applied to the body and not the HTML background. I created the background to look like it has a light shining down from the top left to the bottom right.

```
body {
    background-color: var(--color-background-dark);
```

```
background-image: linear-gradient(60deg, var(--color-gradient-start) 30%, var(--color-gradient-middle) 50%, var(--color-gradient-end) 70%);  
}  
  
body::before {  
    background-image:  
        linear-gradient(to bottom left, transparent,  
var(--color-overlay-dark)),  
        linear-gradient(to right, var(--color-overlay-dark) 1px, transparent  
1px),  
        linear-gradient(to bottom, var(--color-overlay-dark) 1px, transparent  
1px);  
    background-size: 100% 100%, 5px 15px, 14px 24px;  
}
```

Mobile Responsiveness

Media queries were used to adjust the layout and font sizes depending on the different screen size that the user is viewing it on.

```
@media only screen and (max-width: 768px) {  
    .skill-container {  
        flex-direction: column;  
    }  
}  
  
@media only screen and (max-width: 480px) {  
    .intro-text,  
    .skill-container {  
        width: 95%;  
        margin: var(--space-small) 0;  
    }  
}
```

Glossy Transparent Background for the Card

Created a semi transparent glass type background for the card to give it a modern look.

```
.skill {  
    background-color: var(--bento-background-color);  
    backdrop-filter: blur(10px);  
    -webkit-backdrop-filter: blur(10px);  
}
```

Different Positioning Types

The position property is used differently depending on the context. It is relative for the page wrapper to be the reference for absolute elements and fixed for pseudo-element for the background overlay.

```
.page-wrapper {  
    position: relative;  
}  
  
body::before {  
    position: fixed;  
}
```

Print Friendly

Adjusting the styles so that the homepage is print friendly.

```
@media print {  
    /* Hide all non-essential elements */  
    nav#navbar, .modal, footer#footer, .hamburger, #myModal,  
.modal-content, .navigation, .grid-overlay {  
        display: none;  
    }  
  
    /* Simplify the page background and text for printing */  
    body {  
        background: none;  
        color: black; /* Ensure text is black for better print visibility */  
        font-family: 'Times New Roman', serif; /* More print-appropriate font */  
    }  
  
    /* Set all images to a maximum width to fit within the print layout */  
    img {  
        max-width: 100%;  
    }  
  
.orange-gradient-text, .green-gradient-text {  
    color: black;  
}  
  
/* Remove custom gradients and backgrounds */
```

```

.content-wrapper, .page-wrapper {
background: none;
}

/* Ensure the content is not cut off */
.content-wrapper, .page-wrapper, .skill-container, #hero-section,
#timeline ul {
width: 100%;
max-width: none;
margin: 0;
padding: 0;
}

/* Ensure tables are fully visible and legible */
.tables table {
width: auto; /* Auto-adjust table width */
max-width: none; /* Remove maximum width restriction */
}

/* Adjust text and heading sizes for readability */
h1, h2, h3, p, .descr .item-text {
font-size: larger; /* Larger font size for print */
}

/* Make sure all text is visible and not clipped */
.descr, .title {
padding: 10px;
border: 1px solid black; /* Add a border for definition */
}

/* Adjust timelines for better legibility */
#timeline ul li .job-title, #timeline ul li .title, #timeline ul li
.descr {
border: none; /* Remove complex borders */
background-color: white; /* Set a simple background */
color: black; /* Ensure text is black */
}
}

```

Print Friendly

Adjusting the styles so that the about page is print friendly.

```
@media print {
```

```
/* Hide non-essential elements */
nav#navbar, .modal, footer#footer, .hamburger, #myModal,
.modal-content, .navigation, .grid-overlay {
    display: none;
}

/* Ensure the body has a plain background and text is black for
better visibility */
body {
background: none !important;
color: black !important;
font-family: 'Times New Roman', serif;
width: 100%;
max-width: 100%;
overflow: visible;
}

/* Simplify layout - full width for content areas */
.page-wrapper, .skill-container, .skill {
width: 100%;
padding: 0;
margin: 0;
border: none;
background: none !important;
box-shadow: none;
}

/* Adjust text sizes and colors for print */
h1, h2, h3, p {
color: black !important;
font-size: 12pt !important; /* Adjust size as necessary */
}

/* Ensure images are not oversized */
img {
max-width: 100% !important;
}

/* Adjust list styles */
.different-typefaces {
list-style-type: decimal; /* Change Roman numerals to decimal for
better readability */
}
```

```
}
```

Footer

Appears on all pages and displays all the pages within the site. It also shows the copyright permission and contact details so that no matter what page the user is on within the site, the user has easy access to this important information.

```
<footer id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">
            <ul>
                <li><h3>Pages</h3></li>
                <li><a href="index.html">Home</a></li>
                <li><a href="sm_A4_about.html">About</a></li>
                <li><a href="sm_A4_web-skills.html">Web
Skills</a></li>
                <li><a href="sm_A4_resume.html">Resume</a></li>
            </ul>
        </div>
        <div class="footer-skills">
            <ul>
                <li><h3>Skill Pages</h3></li>
                <li><a
href="sm_A4_project_management.html">Project Management</a></li>
                <li><a href="sm_A4_problem_solving.html">Problem
Solving</a></li>
                <li><a
href="sm_A4_communication.html">Communication</a></li>
            </ul>
        </div>
        <div class="footer-contact">
            <h3>Contact</h3>
            <a href="mailto:samuel@example.com">Send Email</a>
            <a href="tel:+1234567890">0412345678</a>
        </div>
        <div class="footer-newsletter">
            <h3>Signup Newsletter</h3>
            <a href="sm_A4_signup.html" target="_blank">Newsletter

```

```
Signup</a>
        </div>
    </div>
    <hr>
    <div class="copyright">Copyright © 2024 Samuel Moran
Portfolio</div>
</footer>
```

sm_A4_web-skills.html Storyboard

Screenshot

The screenshot displays a dark-themed website for web skills. At the top, there is a navigation bar with links for Logo, Home, About, Web Skills, Resume, and a phone number 0412 988 339. Below the navigation bar, the page title "Web Skills" is centered. The main content is organized into four main sections: "Front-end Technologies", "Back-end Technologies", "Databases", and "Tools and Platforms".

Front-end Technologies:

- HTML/CSS**: Proficient in creating semantic, accessible, and responsive web pages using HTML5 and CSS3.
- JavaScript**: Experienced in writing clean, efficient, and maintainable JavaScript code for interactive web experiences.
- React**: Skilled in developing dynamic and reusable user interfaces using the React library.
- Tailwind**: Adept at utilising the Tailwind CSS framework for rapid and consistent UI development.

Back-end Technologies:

- Python**: Proficient in developing server-side applications and scripts using Python.
- Django**: Experienced in building scalable and secure web applications with the Django framework.
- Node.js**: Skilled in creating server-side solutions and RESTful APIs using Node.js.
- Express**: Familiar with building web applications and APIs using the Express framework for Node.js.

Databases:

- MongoDB**: Experienced in designing and managing NoSQL databases using MongoDB.
- MySQL**: Proficient in working with relational databases and writing efficient SQL queries using MySQL.
- PostgreSQL**: Skilled in utilising PostgreSQL for robust and scalable database solutions.
- SQL**: Strong understanding of SQL principles and ability to write complex queries for data manipulation and retrieval.

Tools and Platforms:

- Docker**: Skilled in containerising applications and managing multi-container environments using Docker.
- AWS**: Certified Cloud Practitioner with experience in deploying and managing applications on Amazon Web Services.
- GitHub / Git**
- Linux**

Horizontal Navigation

Navigation to the other pages is done through the nav bar.

```
<nav id="navbar">
```

```

<div class="hamburger">
    <div class="hamburger-line"></div>
    <div class="hamburger-line"></div>
    <div class="hamburger-line"></div>
</div>
<div class="nav-logo">Logo</div>
<ul class="nav-links">
    <li><a href="index.html">Home</a></li>
    <li><a href="sm_A1_about.html">About</a></li>
    <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
    <li><a href="sm_A1_resume.html">Resume</a></li>
</ul>
<div class="nav-phone">0412 345 678</div>
</nav>

```

Background Pattern Design

The background is similar to the About and Resume page, but just with a blue colour scheme that with a grid pattern subtly transitions between the darker edges.

```

body {
    background-color: var(--background-color);
    background-image: linear-gradient(60deg, var(--gradient-color-start) 30%, var(--gradient-color-middle) 50%, var(--gradient-color-end) 70%);
}

body::before {
    background-image:
        linear-gradient(to bottom left, transparent, var(--overlay-color)),
        linear-gradient(to right, var(--overlay-color) 1px, transparent 1px),
        linear-gradient(to bottom, var(--overlay-color) 1px, transparent 1px);
    background-size: 100% 100%, 5px 15px, 14px 24px;
}

```

Page Layout and Structure

This page uses both CSS grid and flexbox to align content on the page

```

.page-wrapper {
    display: flex;
    flex-direction: column;
    align-items: center;
}

```

```
.skill-container {  
    display: grid;  
    grid-template-columns: repeat(2, 1fr);  
    gap: var(--grid-gap);  
}
```

Mobile Responsiveness

This page also has media queries to ensure that the layouts adapt for different screen sizes.

```
@media only screen and (max-width: 768px) {  
    .skill-container {  
        grid-template-columns: 1fr;  
    }  
}  
  
 @media only screen and (max-width: 480px) {  
    .intro-text,  
    .skill-container {  
        width: 95%;  
        margin: var(--spacing-small) 0;  
    }  
}
```

Glossy Card Backgrounds

Using a similar modern glossy background effect for the card as in the about page.

```
.skill {  
    background-color: var(--box-background-color);  
    backdrop-filter: blur(10px);  
    -webkit-backdrop-filter: blur(10px);  
}
```

Print Friendly

Adjusting the styles so that the web skills page is print friendly.

```
@media print {  
    /* Hide all irrelevant elements for printing */  
    nav#navbar, .modal, footer#footer, .hamburger, #myModal,  
    .modal-content, .navigation, .grid-overlay {  
        display: none;  
    }  
  
    /* Simplify background and text */
```

```

body {
background: none;
color: black; /* Black text for better print visibility */
font-size: 12pt; /* Increase font size for print */
}

/* Left-aligned text and a more readable font size */
.intro-text, .skill-container, .skill h3, .skill p {
text-align: left;
color: black; /* Black text for better readability */
}

/* Remove background colours and borders from skills sections */
.skill {
background: none;
border: none;
}

/* Images to have max width */
img {
max-width: 100%;
}

/* Page wrapper with no padding and 100% width */
.page-wrapper {
padding: 0;
width: 100%;
}
}

```

Footer

Appears on all pages and displays all the pages within the site. It also shows the copyright permission and contact details so that no matter what page the user is on within the site, the user has easy access to this important information.

```

<footer id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">

```

```
<ul>
    <li><h3>Pages</h3></li>
    <li><a href="index.html">Home</a></li>
    <li><a href="sm_A4_about.html">About</a></li>
    <li><a href="sm_A4_web-skills.html">Web
Skills</a></li>
    <li><a href="sm_A4_resume.html">Resume</a></li>
</ul>
</div>
<div class="footer-skills">
<ul>
    <li><h3>Skill Pages</h3></li>
    <li><a
href="sm_A4_project_management.html">Project Management</a></li>
        <li><a href="sm_A4_problem_solving.html">Problem
Solving</a></li>
            <li><a
href="sm_A4_communication.html">Communication</a></li>
                </ul>
                </div>
                <div class="footer-contact">
                <h3>Contact</h3>
                <a href="mailto:samuel@example.com">Send Email</a>
                <a href="tel:+1234567890">0412345678</a>
                </div>
                <div class="footer-newsletter">
                <h3>Signup Newsletter</h3>
                <a href="sm_A4_signup.html" target="_blank">Newsletter
Signup</a>
                </div>
                </div>
                <hr>
                <div class="copyright">Copyright &copy; 2024 Samuel Moran
Portfolio</div>
            </footer>
```

sm_A4_resume.html Storyboard

Screenshot

Professional Experience

Software Engineer

2024

- 💼 Anomaly Software Pty Ltd
- 💻 Internship/CSU Project
- ✓ Developed a property data management system using Django, implementing features such as CSV upload functionality and data versioning.
- ✓ Designed and implemented a certificate ordering system with property search, selection process, order details collection, and Stripe payment gateway integration.
- ✓ Created an order fulfillment workflow with a council dashboard, order filtering and management, document upload functionality, and order status updates.
- ✓ Implemented email notifications using customised templates and integrated email sending functionality.
- ✓ Conducted comprehensive testing, including unit testing, integration testing, and user acceptance testing (UAT), ensuring high-quality deliverables.
- ✓ Deployed the application to a cloud provider using Docker, following best practices such as multi-stage builds, ephemeral containers, and minimising installed packages.
- ✓ Adhered to the PEP 8 style guide for Python code, maintaining consistency, readability, and maintainability throughout the project.
- ✓ Followed commit best practices using Conventional Commits, enhancing readability, allowing for automated change logs and versioning, and encouraging granular commits for efficient code reviews.

Systems Analyst

2022

- 💼 Edmon Systems Pty Ltd
- 💻 Full-time
- ✓ Liaised between clients & software engineers, translating business needs to technical solutions.
- ✓ Managed and exported database data for business reports using SQL queries and data visualisation tools, providing valuable insights for data-driven decision making.
- ✓ Ensured system designs aligned with clients' organisational needs by requirement gathering sessions and creating system design documents.
- ✓ Prioritised critical system tasks and fixes based on impact analysis and stakeholder input.
- ✓ Proactively addressed client-reported bugs within an average of 24 hours, maintaining a high level of client trust and confidence.
- ✓ Tested system updates rigorously using automated testing tools and manual testing techniques.
- ✓ Developed interim solutions for unresolved issues, ensuring business continuity.
- ✓ Created detailed system user documentation, including user manuals, FAQs, and video tutorials, reducing support tickets by 40% and enabling users to self-serve.

IT Operations Coordinator

2020

- 💼 All Mowers Spares Pty Ltd
- 💻 Full-time
- 📅 FEB 2020 - AUG 2022
- ✓ Managed & taught our offshore teams data entry and marketing tasks through meetings and documentation.
- ✓ Worked with software engineers to identify and resolve bugs, reducing system downtime and improving overall system stability.
- ✓ Calculated & uploaded bulk product pricing for changes in supplier updates or promotions, ensuring competitive but profitable profit margins.
- ✓ Supplied relevant team leaders with KPI insights to hold staff accountable, resulting in a 20% improvement in the picker packers performance.
- ✓ Addressed staff's computer hardware and software issues, minimising productivity loss due to technical problems.
- ✓ Setup networking for business devices, including Wi-Fi access points, routers, and switches, ensuring network uptime and secure connectivity for all users.
- ✓ Resolved dealership ERP system issues, including data synchronisation, inventory management, and reporting, reducing the need for manual data reconciliation efforts.
- ✓ Created detailed system user documentation, including standard operating procedures (SOPs), user guides, and video tutorials, reducing training time for new employees by 40% and increasing overall system adoption.

Horizontal Navigation

Navigation to the other pages is done through the nav bar.

```
<nav id="navbar">
    <div class="hamburger">
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
    </div>
    <div class="nav-logo">Logo</div>
    <ul class="nav-links">
        <li><a href="index.html">Home</a></li>
        <li><a href="sm_A1_about.html">About</a></li>
        <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
        <li><a href="sm_A1_resume.html">Resume</a></li>
    </ul>
    <div class="nav-phone">0412 345 678</div>
</nav>
```

Background Pattern Design

Similar to the background on the other pages, it also has a grid pattern background, however, what is different about this one is that the light is coming from the top right instead of the top left and the colour theme is dark green for this page.

```
body {
    background-image: linear-gradient(-60deg, var(--gradient-start) 30%, var(--gradient-middle) 50%, var(--gradient-end) 70%);
}

body::before {
    background-image:
        linear-gradient(to bottom left, transparent, var(--overlay-color)),
        linear-gradient(to right, var(--overlay-color) var(--grid-line-size), transparent 1px),
        linear-gradient(to bottom, var(--overlay-color) var(--grid-line-size), transparent 1px);
}
```

Timeline Structure

The unordered list is used to represent a sequence of events where each list item corresponds to a previous job I have had.

```
<ul id="timeline">
```

```
<li style="--accent-color:#41516C">
  <div class="job-title" data-date="2024">Software Engineer</div>
  <div class="title">Anomaly Software Pty Ltd</div>
  <div class="descr">
    <!-- Job description details -->
  </div>
</li>
<!-- More list items for other experiences -->
</ul>
```

CSS Grid Layout for Timeline

I have used a CSS grid layout for the timeline because it allows me to be flexible with the layout and adapt it to ensure that alignment and responsiveness is as expected.

```
#timeline ul {
  display: grid;
  grid-template-columns: var(--line-w) 1fr;
  column-gap: var(--col-gap);
  list-style: none;
  width: min(60rem, 90%);
  margin-inline: auto;
}
```

Central Timeline Line

This is a pseudo element line that goes down the middle (on larger displays) and on the side for smaller displays. It serves as a visual guide to showcase the different years that each job was worked at and the progression throughout time.

```
#timeline ul::before {
  content: "";
  grid-column: 1;
  grid-row: 1 / span 20;
  background: rgb(225, 225, 225);
  border-radius: calc(var(--line-w) / 2);
}
```

Timeline Job Title and Date Marker Positioning

This allows for the intersection of the job title and the data markers with the timeline by using CSS properties to allow the positioning of dates to be placed relative to the corresponding job titles.

```
#timeline ul li .job-title {
  position: relative;
```

```

height: var(--dateH);
background-color: var(--card-top-color);
color: var(--card-top-color-text);
display: grid;
place-content: center;
border-radius: calc(var(--dateH) / 2) 0 0 calc(var(--dateH) / 2);
}

#timeline ul li .job-title::after {
content: attr(data-date);
position: absolute;
width: 4rem;
aspect-ratio: 1;
background: white;
border-radius: 50%;
display: grid;
place-items: center;
color: black;
top: 50%;
transform: translate(50%, -50%);
right: calc(100% + var(--col-gap) + var(--line-w) / 2);
}

```

Responsive Timeline Design Adjustments

Media queries are used to ensure that the timeline is compatible for all devices. There are adjustments in the grid layout at different breakpoints to allow for a responsive design to remain visually appealing and functional across all devices.

```

@media (min-width: 55rem) {
#timeline ul {
grid-template-columns: 1fr var(--line-w) 1fr;
}
#timeline ul::before {
grid-column: 2;
}
#timeline ul li:nth-child(odd) {
grid-column: 1;
}
#timeline ul li:nth-child(even) {
grid-column: 3;
}
#timeline ul li .job-title::after {
transform: translate(-50%, -50%);
}

```

```
    right: auto;
    left: calc(100% + var(--col-gap) + var(--line-w) / 2);
}
}
```

Print Friendly

Adjusting the styles so that the resume page is print friendly.

```
@media print {
    /* Hide non-essential elements */
    nav#navbar, .modal, footer#footer, .hamburger, #myModal,
    .modal-content, .navigation, .grid-overlay {
        display: none;
    }

    /* Override body styles to ensure print compatibility */
    body {
        background: none !important;
        color: black !important;
        font-family: 'Times New Roman', serif;
        width: 100%;
        max-width: 100%;
        overflow: visible;
    }

    /* Simplify layouts for printing */
    .content-wrapper, .skill-container, .skill {
        width: 100%;
        padding: 0;
        margin: 0;
        border: none;
        background: none !important;
    }

    /* Ensure text and headings are legible */
    h1, h2, h3, p {
        color: black !important;
        font-size: 12pt !important;
    }

    /* Adjust image sizes for print */
    img {
        max-width: 100% !important;
    }
}
```

```

}

/* Handle tables to ensure they fit on the page */
.tables table {
width: 100% !important;
max-width: none !important;
}

.tables th, .tables td {
color: black !important; /* Ensuring text is clearly readable */
}
}

```

Table

Added a table to display the subjects that I have done so far to meet the requirement of using a table for this assessment.

```

/* Tables container */
.tables {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-around;
    align-items: flex-start;
    gap: 20px;
    padding: 20px;
    box-sizing: border-box;
}

/* Styling for each table */
.tables table {
    border-collapse: collapse;
    width: 48%;
    max-width: 600px;
    margin: 0 auto;
    background-color: rgba(0, 0, 0, 0.436);
    box-shadow: 0 4px 8px rgba(0,0,0,0.1);
}

.tables th, .tables td {
    border: 1px solid #dddddd;
    text-align: left;
    padding: 8px;
    color: #ffffff;
}

```

```

}

.tables th {
    background-color: rgba(0, 0, 0, 0.075);
    color: #ffffff;
}

.tables caption {
    font-size: 1.25em;
    margin: 10px 0;
    font-weight: bold;
}

```

Footer

Appears on all pages and displays all the pages within the site. It also shows the copyright permission and contact details so that no matter what page the user is on within the site, the user has easy access to this important information.

```

<footer id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">
            <ul>
                <li><h3>Pages</h3></li>
                <li><a href="index.html">Home</a></li>
                <li><a href="sm_A4_about.html">About</a></li>
                <li><a href="sm_A4_web-skills.html">Web
Skills</a></li>
                <li><a href="sm_A4_resume.html">Resume</a></li>
            </ul>
        </div>
        <div class="footer-skills">
            <ul>
                <li><h3>Skill Pages</h3></li>
                <li><a
href="sm_A4_project_management.html">Project Management</a></li>
                    <li><a href="sm_A4_problem_solving.html">Problem
Solving</a></li>
                <li><a

```

```
        href="sm_A4_communication.html">Communication</a></li>
    </ul>
</div>
<div class="footer-contact">
    <h3>Contact</h3>
    <a href="mailto:samuel@example.com">Send Email</a>
    <a href="tel:+1234567890">0412345678</a>
</div>
<div class="footer-newsletter">
    <h3>Signup Newsletter</h3>
    <a href="sm_A4_signup.html" target="_blank">Newsletter
        Signup</a>
    </div>
</div>
<hr>
<div class="copyright">Copyright © 2024 Samuel Moran
Portfolio</div>
</footer>
```

sm_A4_signup.html Storyboard

Screenshot

Newsletter Signup

Welcome to the Healthcare Drone Corporation - Newsletter Signup

First Name (required):

Enter your first name

Last Name (required):

Enter your last name

Email Address (required):

Enter your email

Age Range (required):

- 15-25
- 26-35
- 36-45
- 46-55
- 55+

Areas of Interest (required):

- Drone Design
- Drone Navigation Algorithms
- Healthcare Tech Updates
- Success Stories
- Miscellaneous

Comments:

Enter your comments

Submit

Reset

Form Structure and Functionality

The form is designed to collect user information for newsletter signup. It includes fields for first name, last name, email address, age range, areas of interest, and additional comments. The form uses HTML5 validation and JavaScript to handle user input and submission.

```
<nav id="navbar">
    <div class="hamburger">
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
    </div>
    <div class="nav-logo">Logo</div>
    <ul class="nav-links">
        <li><a href="index.html">Home</a></li>
        <li><a href="sm_A1_about.html">About</a></li>
        <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
        <li><a href="sm_A1_resume.html">Resume</a></li>
    </ul>
    <div class="nav-phone">0412 345 678</div>
</nav>
```

Background Pattern Design

Similar to the background on the other pages, it also has a grid pattern background, however, what is different about this one is that the light is coming from the top right instead of the top left and the colour theme is dark green for this page.

```
<form id="signup-form" novalidate>
    <p class="green-gradient-text">Welcome to the Healthcare Drone
Corporation - Newsletter Signup</p>
    <label for="first-name">First Name (required):</label>
    <input type="text" id="first-name" name="first-name" maxlength="60"
required placeholder="Enter your first name">
    <br>
    <label for="last-name">Last Name (required):</label>
    <input type="text" id="last-name" name="last-name" maxlength="60"
required placeholder="Enter your last name">
    <br>
    <label for="email">Email Address (required):</label>
    <input type="email" id="email" name="email" maxlength="60" required
placeholder="Enter your email">
    <br>
    <div class="radio-group">
        <p>Age Range (required):</p>
```

```
<label for="age-15-25">
    <input type="radio" id="age-15-25" name="age" value="15-25"
required> 15-25
</label>
<label for="age-26-35">
    <input type="radio" id="age-26-35" name="age" value="26-35">
26-35
</label>
<label for="age-36-45">
    <input type="radio" id="age-36-45" name="age" value="36-45">
36-45
</label>
<label for="age-46-55">
    <input type="radio" id="age-46-55" name="age" value="46-55">
46-55
</label>
<label for="age-55">
    <input type="radio" id="age-55" name="age" value="55+">> 55+
</label>
</div>
<div class="checkbox-group">
<p>Areas of Interest (required):</p>
<label for="interest1">
    <input type="checkbox" id="interest1" name="interest"
value="Drone Design"> Drone Design
</label>
<label for="interest2">
    <input type="checkbox" id="interest2" name="interest"
value="Drone Navigation Algorithms"> Drone Navigation Algorithms
</label>
<label for="interest3">
    <input type="checkbox" id="interest3" name="interest"
value="Healthcare Tech Updates"> Healthcare Tech Updates
</label>
<label for="interest4">
    <input type="checkbox" id="interest4" name="interest"
value="Success Stories"> Success Stories
</label>
<label for="interest5">
    <input type="checkbox" id="interest5" name="interest"
value="Miscellaneous"> Miscellaneous
</label>
</div>
```

```

<label for="comments">Comments:</label>
<textarea id="comments" name="comments" rows="3" cols="60"
placeholder="Enter your comments"></textarea>
<br>
<button type="submit">Submit</button>
<button type="reset">Reset</button>
<div id="notification" style="display:none;"></div>
</form>

```

Form Validation and Submission

JavaScript is used to handle form validation and submission. It ensures that all required fields are filled out before allowing the form to be submitted. It also sends the form data to a specified API endpoint.

```

document.getElementById('signup-form').addEventListener('submit', async
function(event) {
    event.preventDefault();

    const firstName = document.getElementById('first-name').value.trim();
    const lastName = document.getElementById('last-name').value.trim();
    const email = document.getElementById('email').value.trim();
    const age =
document.querySelector('input[name="age"]:checked')?.value;
    const interests =
Array.from(document.querySelectorAll('input[name="interest"]:checked')).map
(cb => cb.value);
    const comments = document.getElementById('comments').value.trim();

    if (!firstName) {
        alert("First Name is required.");
        document.getElementById('first-name').focus();
        return;
    }

    if (!lastName) {
        alert("Last Name is required.");
        document.getElementById('last-name').focus();
        return;
    }

    if (!email) {

```

```
        alert("Email Address is required.");
        document.getElementById('email').focus();
        return;
    }

    if (!age) {
        alert("Age Range is required.");
        return;
    }

    if (interests.length === 0) {
        alert("At least one area of interest must be selected.");
        return;
    }

    const data = {
        firstName,
        lastName,
        emailAddress: email,
        ageRange: age,
        services: interests
    };

    if (comments) {
        data.feedback = comments;
    }

    console.log("Data being sent:", JSON.stringify(data));

    try {
        const response = await
fetch('https://3ex2gpke3sk4346d4mxi5rrc6e0tcurx.lambda-url.ap-southeast-2.o
n.aws/', {
            method: 'POST',
            headers: {
                'Content-Type': 'application/json',
            },
            body: JSON.stringify(data),
        });

        const responseBody = await response.json();

        if (response.ok) {
```

```

        showNotification(`Subscribed email address '${email}' to the
newsletter.`, 'success');
    } else {
        console.error("Server response:", responseBody);
        showNotification(`Failed to subscribe: ${responseBody.message
|| response.statusText}`, 'error');
    }
} catch (error) {
    console.error("Fetch error:", error);
    showNotification(`Failed to subscribe: ${error.message}`, 'error');
}
});

function showNotification(message, type) {
    const notification = document.getElementById('notification');
    notification.textContent = message;
    notification.style.display = 'block';
    notification.style.color = type === 'success' ? 'green' : 'red';
}

```

Glossy Card Backgrounds

Using a modern glossy background effect for the card.

```

.form-container {
    background-color: var(--glass-bg-color);
    backdrop-filter: blur(10px);
    -webkit-backdrop-filter: blur(10px);
}

```

[sm_A4_communication.html Storyboard](#)

[sm_A4_problem_solving.html Storyboard](#)

[sm_A4_project_management.html Storyboard](#)

In the spirit of code reusability, three of the skills pages have similar components, so I have bunched them together within this section:

Screenshots



Sam

Home

About

Web Skills

Resume

0412 345 678

Communication Skills

Effective communication has been a key factor in my ability to liaise between clients, software engineers, and other stakeholders. My role as a System Analyst required me to translate business needs into technical solutions, ensuring that system designs aligned with client requirements. Additionally, I managed and taught offshore teams at All Mowers Spares Pty Ltd, providing clear instructions and documentation for data entry and marketing tasks. My ability to articulate complex technical information in an understandable manner has facilitated smoother project execution and enhanced collaboration among team members. These communication skills are essential for fostering strong professional relationships and achieving successful project outcomes.



Sam

Home

About

Web Skills

Resume

0412 345 678

Problem Solving Skills

My problem-solving skills have been a cornerstone of my professional journey. Whether it was addressing client-reported bugs within an average of 24 hours at Edmon Systems Pty Ltd or resolving dealership ERP system issues at All Mowers Spares Pty Ltd, I have consistently demonstrated my ability to diagnose and fix complex technical problems swiftly and efficiently. My approach involves a combination of automated and manual testing techniques, impact analysis, and the development of interim solutions to ensure business continuity. This proactive problem-solving mindset has not only maintained high client trust and confidence but also minimized disruptions to business operations.

Communication Skills

Effective communication has been a key factor in my ability to liaise between clients, software engineers, and other stakeholders. My role as a System Analyst required me to translate business needs into technical solutions, ensuring that system designs aligned with client requirements. Additionally, I managed and taught offshore teams at All Mowers Spares Pty Ltd, providing clear instructions and documentation for data entry and marketing tasks. My ability to articulate complex technical information in an understandable manner has facilitated smoother project execution and enhanced collaboration among team members. These communication skills are essential for fostering strong professional relationships and achieving successful project outcomes.

Horizontal Navigation

Navigation to the other pages is done through the nav bar.

```
<nav id="navbar">
    <div class="hamburger">
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
        <div class="hamburger-line"></div>
    </div>
    <div class="nav-logo">Logo</div>
    <ul class="nav-links">
        <li><a href="index.html">Home</a></li>
        <li><a href="sm_A1_about.html">About</a></li>
        <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
        <li><a href="sm_A1_resume.html">Resume</a></li>
    </ul>
    <div class="nav-phone">0412 345 678</div>
</nav>
```

Background Pattern Design

The grid pattern background is applied to the body and not the HTML background. I created the background to look like it has a light shining down from the top left to the bottom right.

```
body {
    background-color: var(--color-background-dark);
```

```
background-image: linear-gradient(60deg, var(--color-gradient-start) 30%, var(--color-gradient-middle) 50%, var(--color-gradient-end) 70%);  
}  
  
body::before {  
    background-image:  
        linear-gradient(to bottom left, transparent,  
var(--color-overlay-dark)),  
        linear-gradient(to right, var(--color-overlay-dark) 1px, transparent  
1px),  
        linear-gradient(to bottom, var(--color-overlay-dark) 1px, transparent  
1px);  
    background-size: 100% 100%, 5px 15px, 14px 24px;  
}
```

Mobile Responsiveness

Media queries were used to adjust the layout and font sizes depending on the different screen size that the user is viewing it on.

```
@media only screen and (max-width: 768px) {  
    .skill-container {  
        flex-direction: column;  
    }  
}  
  
@media only screen and (max-width: 480px) {  
    .intro-text,  
    .skill-container {  
        width: 95%;  
        margin: var(--space-small) 0;  
    }  
}
```

Glossy Transparent Background for the Card

Created a semi transparent glass type background for the card to give it a modern look.

```
.skill {  
    background-color: var(--bento-background-color);  
    backdrop-filter: blur(10px);  
    -webkit-backdrop-filter: blur(10px);  
}
```

Different Positioning Types

The position property is used differently depending on the context. It is relative for the page wrapper to be the reference for absolute elements and fixed for pseudo-element for the background overlay.

```
.page-wrapper {  
    position: relative;  
}  
  
body::before {  
    position: fixed;  
}
```

Print Friendly

Adjusting the styles so that the homepage is print friendly.

```
@media print {  
    /* Hide all non-essential elements */  
    nav#navbar, .modal, footer#footer, .hamburger, #myModal,  
.modal-content, .navigation, .grid-overlay {  
        display: none;  
    }  
  
    /* Simplify the page background and text for printing */  
    body {  
        background: none;  
        color: black; /* Ensure text is black for better print visibility */  
        font-family: 'Times New Roman', serif; /* More print-appropriate font */  
    }  
  
    /* Set all images to a maximum width to fit within the print layout */  
    img {  
        max-width: 100%;  
    }  
  
.orange-gradient-text, .green-gradient-text {  
    color: black;  
}  
  
/* Remove custom gradients and backgrounds */
```

```

.content-wrapper, .page-wrapper {
background: none;
}

/* Ensure the content is not cut off */
.content-wrapper, .page-wrapper, .skill-container, #hero-section,
#timeline ul {
width: 100%;
max-width: none;
margin: 0;
padding: 0;
}

/* Ensure tables are fully visible and legible */
.tables table {
width: auto; /* Auto-adjust table width */
max-width: none; /* Remove maximum width restriction */
}

/* Adjust text and heading sizes for readability */
h1, h2, h3, p, .descr .item-text {
font-size: larger; /* Larger font size for print */
}

/* Make sure all text is visible and not clipped */
.descr, .title {
padding: 10px;
border: 1px solid black; /* Add a border for definition */
}

/* Adjust timelines for better legibility */
#timeline ul li .job-title, #timeline ul li .title, #timeline ul li
.descr {
border: none; /* Remove complex borders */
background-color: white; /* Set a simple background */
color: black; /* Ensure text is black */
}
}

```

Print Friendly

Adjusting the styles so that the about page is print friendly.

```
@media print {
```

```
/* Hide non-essential elements */
nav#navbar, .modal, footer#footer, .hamburger, #myModal,
.modal-content, .navigation, .grid-overlay {
    display: none;
}

/* Ensure the body has a plain background and text is black for
better visibility */
body {
background: none !important;
color: black !important;
font-family: 'Times New Roman', serif;
width: 100%;
max-width: 100%;
overflow: visible;
}

/* Simplify layout - full width for content areas */
.page-wrapper, .skill-container, .skill {
width: 100%;
padding: 0;
margin: 0;
border: none;
background: none !important;
box-shadow: none;
}

/* Adjust text sizes and colors for print */
h1, h2, h3, p {
color: black !important;
font-size: 12pt !important; /* Adjust size as necessary */
}

/* Ensure images are not oversized */
img {
max-width: 100% !important;
}

/* Adjust list styles */
.different-typefaces {
list-style-type: decimal; /* Change Roman numerals to decimal for
better readability */
}
```

```
}
```

Footer

Appears on all pages and displays all the pages within the site. It also shows the copyright permission and contact details so that no matter what page the user is on within the site, the user has easy access to this important information.

```
<footer id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">
            <ul>
                <li><h3>Pages</h3></li>
                <li><a href="index.html">Home</a></li>
                <li><a href="sm_A4_about.html">About</a></li>
                <li><a href="sm_A4_web-skills.html">Web
Skills</a></li>
                <li><a href="sm_A4_resume.html">Resume</a></li>
            </ul>
        </div>
        <div class="footer-skills">
            <ul>
                <li><h3>Skill Pages</h3></li>
                <li><a
href="sm_A4_project_management.html">Project Management</a></li>
                <li><a href="sm_A4_problem_solving.html">Problem
Solving</a></li>
                <li><a
href="sm_A4_communication.html">Communication</a></li>
            </ul>
        </div>
        <div class="footer-contact">
            <h3>Contact</h3>
            <a href="mailto:samuel@example.com">Send Email</a>
            <a href="tel:+1234567890">0412345678</a>
        </div>
        <div class="footer-newsletter">
            <h3>Signup Newsletter</h3>
            <a href="sm_A4_signup.html" target="_blank">Newsletter

```

```
Signup</a>
        </div>
    </div>
    <hr>
    <div class="copyright">Copyright © 2024 Samuel Moran
Portfolio</div>
</footer>
```

Testing

- 1. Validate HTML & CSS files using the W3C Validation Service**
- 2. Ensure a responsive design from a various amount of devices that have different screen sizes and processor speeds:**
 - a. Personal Computers:
 - i. Desktops
 - ii. Laptops
 - b. Tablets:
 - i. iPad
 - ii. Android tablets
 - c. Mobile:
 - i. iPhone
 - ii. Android phones
 - d. Different screen sizes:
 - i. 1280 × 720 pixels (HD)
 - ii. 1920 × 1080 pixels (Full HD)
 - iii. 2560 × 1440 pixels (QHD)
 - iv. 3840 × 2160 pixels (4K)
- 3. Test the websites functionality and appearance on different browsers:**
 - a. Google Chrome
 - b. Firefox
 - c. MS Edge
 - d. Safari
 - e. Opera
- 4. Test the navigation and links on the website by ensuring:**
 - a. Internal navigation leads to the correct pages
 - b. Nav bar leads to all the correct pages

- c. The hamburger menu works correctly on smaller screens
- d. Footer links leads to all the correct pages
- e. External links are going to the intended destinations

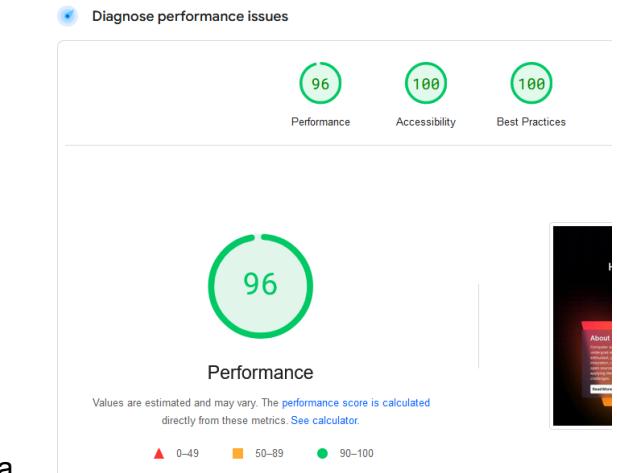
5. Ensure that the images and popups are loading as expected:

- a. Headshot image on the index.html page
- b. Ensure that the modal popup is functioning on all pages
- c. The GitHub logo image on all the pages through the modal popup

6. Preview the print pop up for each page to ensure that it is formatted correctly to be printed or converted to a PDF. For example:

Website Version	Print Version
<p>The website version shows the professional experience section. It lists two roles: 'Software Engineer' (2024) and 'Systems Analyst' (2022). Each role has a list of tasks and achievements.</p> <p>Software Engineer (2024):</p> <ul style="list-style-type: none"> Anomaly Software Pty Ltd Internship CSU Project FEB 2024 - Present Developed a property data management system using Django, implementing features such as CSV upload functionality and data versioning. Designed and implemented a certificate ordering system with property search, selection process, order tracking, payment gateway integration. Created an order fulfillment workflow involving order processing, document filtering and management, document update functionality, and order status updates. Implemented email notifications using templated messages and integrated email sending functionality. Conducted comprehensive testing, including unit testing, integration testing, and user acceptance testing (UAT), ensuring high-quality deliverables. Deployed the application to a cloud provider using Docker, following best practices for containerization, ephemeral containers, and minimizing instances. Adhered to the PEP 8 style guide for Python code, maintaining consistency, readability, and maintainability throughout the project. Followed commit best practices using descriptive commit messages, readability, and logging for automated change logs and versioning, and creating system design documents. <p>Systems Analyst (2022):</p> <ul style="list-style-type: none"> Edmon Systems Pty Ltd Full-time SEP 2022 – DEC 2023 Liaised between clients & software engineers, translating business needs to technical solutions. Managed and exported database data for reports using SQL queries and data analysis tools, providing valuable insights for decision-making. Ensured system designs aligned with clients' organisational needs by reviewing requirements and creating system design documents. 	<p>The print version shows the 'Professional Experience' section from the website. The print dialog is open, showing the following settings:</p> <ul style="list-style-type: none"> Destination: Save to PDF Orientation: Portrait Pages: All Color mode: Color More settings: Print using the system dialog <p>The print preview shows the same content as the website, with the 'Professional Experience' section and the two roles listed.</p>

7. Use Google's Page Speed Insights to ensure that the performance, accessibility and best practices are being followed:



a.

8. UI/UX Testing:

- Get other users to test the websites and provide feedback on it
- Ensure that the content is clear and easy to read
- Check that the main links are easy to find and intuitive

9. Form Testing:

- Ensure required field validation is working:
 - The form shouldn't submit if the fields that have (required) aren't filled out.
- Check to see if the form still submits correctly if non required fields are left blank.
- See if the proper alert and error messages show when the user doesn't input all the required information.
- Validate that the form data is being sent and received correctly to the API endpoint specified.

Code

index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Home</title>
    <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
    <!-- Document description: index homepage created by Samuel Moran, 21/03/2024. -->
    <link rel="stylesheet" href="./css/index.css">
    <link rel="stylesheet" href="./css/navbar.css">
    <link rel="stylesheet" href="./css/footer.css">
</head>
<body>
    <nav id="navbar">
        <div class="hamburger">
            <div class="hamburger-line"></div>
            <div class="hamburger-line"></div>
            <div class="hamburger-line"></div>
        </div>

        
        <ul class="nav-links">
            <li><a href="index.html">Home</a></li>
            <li><a href="sm_A1_about.html">About</a></li>
            <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
            <li><a href="sm_A1_resume.html">Resume</a></li>
        </ul>
        <div class="nav-phone">0412 345 678</div>
    </nav>
    <section id="hero-section">
        <div class="intro-text">
            <h1>
                Hey👋, my name is <span class="orange-gradient-text">Samuel Moran
                <span class="headshot-container" id="myBtn">
                    
                </span>
            </span>
            and I'm a <span class="green-gradient-text">full-stack developer</span>💻
            </h1>

            <blockquote class="subheading">
                "The best way to predict the future is to invent it."
                <footer>- <cite>Alan Kay</cite></footer>
            </blockquote>
        </div>
    </section>

    <!-- Glowing Cards -->
    <section class="glowing-cards">
        <div class="box">
            <span></span>
            <div class="content">
                <h2>About</h2>
                <p>Computer science undergrad at CSU, tech enthusiast, passionate about innovation, contributing to open source projects, and applying theory to real-world challenges.</p>
                <a href="sm_A1_about.html">Read More</a>
            </div>
        </div>
    </section>
</body>

```

```
<div class="box">
    <span></span>
    <div class="content">
        <h2>Web Skills</h2>
        <p>Proficient in front-end, back-end technologies, databases, with expertise in HTML, CSS, JavaScript, React, Python, Django, Node.js, SQL, Docker, and AWS.</p>
        <a href="#">sm_A1_web-skills.htmlsm_A1_resume.html
<div id="myModal" class="modal">
    
    <div class="modal-content">
        <span class="close">&times;</span>
        <p class="info-message">This modal pop-up is designed to include all HTML and CSS requirements of ITC293 A2.</p>
        <!-- Headings -->
        <h1>Heading 1 text colour red</h1>
        <h2>Heading 2 text colour blue</h2>
        <br>

        <!-- Paragraphs -->
        <p class="aligned-left">This paragraph is aligned to the left and in text style oblique.</p>
        <p class="aligned-center">This paragraph is centered and in italic.</p>
        <p class="aligned-right">This paragraph is aligned to the right and in text style oblique.</p>

        <!-- Lists -->
        <p>Ordered list to Roman numerals:</p>
        <ol type="I" class="different-typefaces">
            <li>Typeface 200</li>
            <li>Typeface 400</li>
            <li>Typeface 600</li>
            <li>Typeface 800</li>
        </ol>
        <br>
        <p>Unordered list to squares:</p>
        <ul>
            <li>First bullet</li>
            <li>Second bullet</li>
            <li>Third bullet</li>
        </ul>
        <br>
        <!-- Images -->
    </div>
</div>
```

```
<p>Sample image below of the GitHub logo:</p>

<br>
<!-- Internal Link -->
<a href="#myModal">Open Modal</a>

<!-- External Link -->
<a href="https://www.example.com" target="_blank">Visit Example</a>

<!-- Email and Phone Links -->
<a href="mailto:samuel@example.com">Send Email</a>
<a href="tel:+1234567890">Call Us</a>

<!-- Character Reference -->
<p>The copyright symbol: &copy;</p>
</div>
</div>
<!-- Footer -->
<footer id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">
            <ul>
                <li><h3>Pages</h3></li>
                <li><a href="index.html">Home</a></li>
                <li><a href="sm_A1_about.html">About</a></li>
                <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
                <li><a href="sm_A1_resume.html">Resume</a></li>
            </ul>
        </div>
        <div class="footer-contact">
            <h3>Contact</h3>
            <a href="mailto:samuel@example.com">Send Email</a>
            <a href="tel:+1234567890">0412345678</a>
        </div>
    </div>
    <hr>
    <div class="copyright">Copyright &copy; 2024 Samuel Moran Portfolio</div>
</footer>

<script src=".//scripts/modal.js"></script>
<script src=".//scripts/hamburger.js"></script>
</body>
</html>
```

index.css

```
/* CSS Variables for easy theme management */
:root {
    --base-color: #000000;
    --highlight-color-1: #ffbc00; /* Orange gradient start */
    --highlight-color-2: #ff0058; /* Orange gradient end */
    --highlight-color-3: #03a9f4; /* Blue gradient start */
    --highlight-color-4: #4fff03a4; /* Green gradient start */
    --highlight-color-5: #00d0ff; /* Green gradient end */
    --text-color: #ffffff;
    --subtext-color: #9CA3AF; /* Darker grey */
    --background-gradient-start: transparent;
    --background-gradient-end: var(--base-color);
    --modal-background-color: rgba(0,0,0,0.4);
    --modal-content-background-color: #fefefe;
    --card-background-color: rgba(59, 56, 116, 0.422);
    --card-hover-background: #ffcfd4;
    --font-family: 'Inter', sans-serif;
}

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: var(--font-family);
    display: flex;
    flex-direction: column;
    justify-content: space-between;
    align-items: center;
    position: relative;
    min-height: 100vh;
    background-color: var(--base-color);
    overflow-x: hidden;
}

body::before {
    content: "";
    position: fixed;
    top: 0;
    left: 0;
    width: 100vw;
    height: 100vh;
    z-index: -1;
    background-image:
        linear-gradient(to bottom, var(--background-gradient-start), var(--background-gradient-end)),
        linear-gradient(to right, rgba(146, 16, 245, 0.252) 1px, transparent 1px),
        linear-gradient(to bottom, rgba(136, 0, 255, 0.206) 1px, transparent 1px);
    background-size: 100% 100%, 14px 24px, 14px 24px;
    background-repeat: no-repeat, repeat, repeat;
    pointer-events: none;
}

/* Grid Overlay */
.relative-container {
    position: relative;
    height: 100%;
    width: 100%;
    background-color: #334155;
}

.grid-overlay {
    position: absolute;
    bottom: 0;
    left: 0;
    right: 0;
    top: 0;
    background-image: linear-gradient(to right, #4f4f4f2e 1px, transparent 1px), linear-gradient(to bottom,
```

```
/* Text Styling with Gradients */
.orange-gradient-text, .green-gradient-text {
    position: relative;
    display: inline-flex;
    -webkit-background-clip: text;
    background-clip: text;
    color: transparent;
    z-index: 2;
}

.orange-gradient-text {
    background-image: linear-gradient(to top, var(--highlight-color-1), var(--highlight-color-2));
}

.green-gradient-text {
    background-image: linear-gradient(to bottom, var(--highlight-color-4), var(--highlight-color-5));
}

/* GLOWING CARDS CSS */

.glowing-cards {
    display: flex;
    justify-content: center;
    align-items: center;
    flex-wrap: wrap;
    padding: 40px 0;
}

.glowing-cards .box {
    position: relative;
    width: 320px;
    height: 400px;
    display: flex;
    justify-content: center;
    align-items: center;
    margin: 40px 30px;
    transition: 0.5s;
}

.glowing-cards .box::before {
    content: '';
    position: absolute;
    top: 0;
    left: 50px;
    width: 50%;
    height: 100%;
    text-decoration: none;
    background: #fff;
    border-radius: 8px;
    transform: skewX(15deg);
    transition: 0.5s;
}

.glowing-cards .box::after {
    content: '';
    position: absolute;
    top: 0;
    left: 50px;
    width: 50%;
    height: 100%;
    background: #fff;
    border-radius: 8px;
    transform: skewX(15deg);
    transition: 0.5s;
    filter: blur(100px);
}

.glowing-cards .box:hover::before,
.glowing-cards .box:hover::after {
```

```
.glowing-cards .box span::after {
  content: '';
  position: absolute;
  bottom: 0;
  right: 0;
  width: 100%;
  height: 100%;
  border-radius: 8px;
  background: transparent;
  backdrop-filter: blur(10px);
  opacity: 0;
  transition: 0.5s;
  animation: animate 2s ease-in-out infinite;
  box-shadow: 0 5px 15px transparent;
  animation-delay: -1s;
}

.glowing-cards .box:hover span::after {
  bottom: -50px;
  right: 50px;
  width: 100px;
  height: 100px;
  opacity: 1;
}

@keyframes animate {
  0%, 100%
  {
    transform: translateY(10px);
  }

  50%
  {
    transform: translate(-10px);
  }
}

.glowing-cards .box .content {
  position: relative;
  display: flex;
  flex-direction: column;
  justify-content: space-between;
  left: 0;
  padding: 20px 40px;
  height: 20rem;
  background: transparent;
  backdrop-filter: blur(10px);
  box-shadow: 0 5px 15px transparent;
  border-radius: 8px;
  z-index: 1;
  transition: transform 0.5s;
  color: transparent;
}

.glowing-cards .box:hover .content {
  left: -25px;
  padding: 60px 40px;
}

.glowing-cards .box .content h2 {
  font-size: 2em;
  color: transparent;
  margin-bottom: 10px;
}

.glowing-cards .box .content p {
  font-size: 1.1em;
  margin-bottom: 10px;
```

```
.close {
  color: #1b1b1b;
  float: right;
  font-size: 28px;
  font-weight: bold;
}

.close:hover, .close:focus {
  color: #ff0000;
  text-decoration: none;
  cursor: pointer;
}

@keyframes animate {
  0%, 100% { transform: translateY(10px); }
  50% { transform: translateY(-10px); }
}

.modal-content {
  font-size: 18px;
  border-radius: 20px;
  background-color: #fefefeb3; /* Background color for modal content */
  backdrop-filter: blur(10px);
  font-weight: 200; /* Font weight for modal content */
}

.modal-content h1 {
  color: #rgb(163, 0, 0);
  text-decoration: #rgb(0, 0, 0) underline;
}

.modal-content h2 {
  color: blue;
  text-decoration: #rgb(0, 0, 0) wavy underline;
}

.modal-content img {
  max-width: 100px;
}

.navigation a:hover {
  background-color: #ddd; /* Different background color for navigation links on hover */
  color: black; /* Different text color */
}

.aligned-left, .aligned-center, .aligned-right {
  font-style: oblique; /* Different font style */
  font-weight: 400; /* Different font weight */
}

.aligned-center {
  font-size: 24px; /* Different font size */
}

.different-typefaces {
  font-family: 'Roboto', sans-serif;
  list-style-type: upper-roman; /* This ensures the list is in Roman numerals */
}

.different-typefaces li:nth-child(1) {
  font-weight: 200; /* Typeface 200 for the first item */
}

.different-typefaces li:nth-child(2) {
  font-weight: 400; /* Typeface 400 for the second item */
}

.different-typefaces li:nth-child(3) {
  font-weight: 600; /* Typeface 600 for the third item */
```

```
@media print {
    /* Hide all non-essential elements */
    nav#navbar, .modal, footer#footer, .hamburger, #myModal, .modal-content, .navigation, .grid-overlay {
        display: none;
    }

    /* Simplify the page background and text for printing */
    body {
        background: none;
        color: black; /* Ensure text is black for better print visibility */
        font-family: 'Times New Roman', serif; /* More print-appropriate font */
        font-size: 12pt; /* Standard print size for better readability */
    }

    /* Set all images to a maximum width to fit within the print layout */
    img {
        max-width: 100%;
    }

    .orange-gradient-text, .green-gradient-text {
        color: black;
    }

    /* Remove custom gradients and backgrounds */
    .content-wrapper, .page-wrapper {
        background: none;
    }

    /* Ensure the content is not cut off */
    .content-wrapper, .page-wrapper, .skill-container, #hero-section, #timeline ul {
        width: 100%;
        max-width: none;
        margin: 0;
        padding: 0;
    }

    /* Ensure tables are fully visible and legible */
    .tables table {
        width: auto; /* Auto-adjust table width */
        max-width: none; /* Remove maximum width restriction */
    }

    /* Adjust text and heading sizes for readability */
    h1, h2, h3, p, .descr .item-text {
        font-size: larger; /* Larger font size for print */
    }

    /* Make sure all text is visible and not clipped */
    .descr, .title {
        padding: 10px;
        border: 1px solid black; /* Add a border for definition */
    }

    /* Adjust timelines for better legibility */
    #timeline ul li .job-title, #timeline ul li .title, #timeline ul li .descr {
        border: none; /* Remove complex borders */
        background-color: white; /* Set a simple background */
        color: black; /* Ensure text is black */
    }
}
```

sm_A1_about.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>About</title>
        <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
        <link rel="stylesheet" href="./css/about.css">
        <link rel="stylesheet" href="./css/navbar.css">
        <link rel="stylesheet" href="./css/footer.css">
        <!-- Document description: About page created by Samuel Moran, 21/03/2024. -->
    </head>
    <body>
        <div class="page-wrapper">
            <nav id="navbar">
                <div class="hamburger">
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                </div>
                
                <ul class="nav-links">
                    <li><a href="index.html">Home</a></li>
                    <li><a href="sm_A1_about.html">About</a></li>
                    <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
                    <li><a href="sm_A1_resume.html">Resume</a></li>
                </ul>
                <div class="nav-phone">0412 345 678</div>
            </nav>

            <div class="skill-container">
                <div class="skill">
                    <h3 id="myBtn">About</h3>
                    <p>I'm a computer science undergrad at CSU. As a tech enthusiast, I thrive on exploring the latest in tech and open source projects, comparing them with industry competitors. I'm passionate about learning new technologies, crafting innovative projects, and collaborating with fellow developers. My academic and personal pursuits intertwine, driving me to explore how theoretical knowledge can be applied to real-world tech challenges, always with a keen eye on collaborative innovation and shared knowledge.</p>
                </div>
            </div>
            <!-- The Modal -->
            <div id="myModal" class="modal">
                <!-- Modal content -->
                <div class="modal-content">
                    <span class="close">&times;</span>
                    <p class="info-message">This modal pop-up is designed to include all HTML and CSS requirements of ITC293 A2.</p>
                    <!-- Headings -->
                    <h1>Heading 1 text colour red</h1>
                    <h2>Heading 2 text colour blue</h2>
                    <br>

                    <!-- Paragraphs -->
                    <p class="aligned-left">This paragraph is aligned to the left and in text style oblique.</p>
                    <p class="aligned-center">This paragraph is centered and in italic.</p>
                    <p class="aligned-right">This paragraph is aligned to the right and in text style oblique.</p>

                    <!-- Lists -->
                    <p>Ordered list to Roman numerals:</p>
                    <ol type="I" class="different-typefaces">
                        <li>Typeface 200</li>
                        <li>Typeface 400</li>
                        <li>Typeface 600</li>
                        <li>Typeface 800</li>
                    </ol>
                </div>
            </div>
        </div>
    </body>

```

about.css

```
:root {
    /* Colour scheme */
    --color-background-dark: #2b0202;
    --color-gradient-start: #540d0d;
    --color-gradient-middle: #ff8c00;
    --color-gradient-end: #540d0d;
    --color-overlay-dark: #3a0c0c;
    --color-text-white: #ffffff;
    --color-border-light: #ff8c002c;
    --color-background-light: #540d0d2f;

    /* Font settings */
    --font-family-base: 'Inter', sans-serif;
    --font-size-large: 3rem;
    --font-size-medium: 2rem;
    --font-size-small: 1.5rem;
    --font-size-xsmall: 1rem;

    /* Spacing */
    --space-large: 3rem;
    --space-medium: 2rem;
    --space-small: 1rem;

    /* Misc */
    --border-radius-rounded: 20px;
}

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: var(--font-family-base);
    display: flex;
    flex-direction: column;
    justify-content: space-between;
    align-items: center;
    position: relative;
    min-height: 100vh;
    background-color: var(--color-background-dark);
    background-image: linear-gradient(60deg, var(--color-gradient-start) 30%, var(--color-gradient-middle) 50%, var(--color-gradient-end) 70%);
    overflow-x: hidden;
    padding: var(--space-small);
}

body::before {
    content: "";
    position: fixed;
    top: 0;
    left: 0;
    width: 100vw;
    height: 100vh;
    z-index: -1;
    background-image:
        linear-gradient(to bottom left, transparent, var(--color-overlay-dark)),
        linear-gradient(to right, var(--color-overlay-dark) 1px, transparent 1px),
        linear-gradient(to bottom, var(--color-overlay-dark) 1px, transparent 1px);
    background-size: 100% 100%, 5px 15px, 14px 24px;
    background-repeat: no-repeat, repeat, repeat;
    pointer-events: none;
    padding: var(--space-small);
}

.page-wrapper {
    display: flex;
    flex-direction: column;
```

```
.skill p {
    font-size: var(--font-size-xsmall);
    color: var(--color-text-white);
    text-align: center;
    margin: var(--space-small);
}

/* Responsive adjustments */
@media only screen and (max-width: 768px) {
    .skill-container {
        flex-direction: column;
    }
}

@media only screen and (max-width: 480px) {
    .intro-text,
    .skill-container {
        width: 95%;
        margin: var(--space-small) 0;
    }

    .skill-title h2,
    .skill h3 {
        font-size: var(--font-size-small);
    }

    .skill p {
        font-size: var(--font-size-xsmall);
    }
}

/* Modal Popup Styling */
.modal {
    display: none;
    position: fixed;
    z-index: 1;
    padding-top: 100px;
    left: 0;
    top: 0;
    width: 100%;
    height: 100%;
    overflow: auto;
    background-color: var(--modal-background-color);
}

.modal-content {
    background-color: var(--modal-content-background-color);
    margin: auto;
    padding: 3rem;
    border: 1px solid #888;
    width: 80%;
    color: #rgb(0, 0, 0);
    font-style: italic;
}

.modal-content ul {
    list-style-type: square;
}

.info-message {
    font-weight: 800;
    font-size: 1.5rem;
}

.close {
    color: #1b1b1b;
    float: right;
    font-size: 28px;
    font-weight: bold;
}
```

```
.different-typefaces li:nth-child(2) {
    font-weight: 400; /* Typeface 400 for the second item */
}

.different-typefaces li:nth-child(3) {
    font-weight: 600; /* Typeface 600 for the third item */
}

.different-typefaces li:nth-child(4) {
    font-weight: 800; /* Typeface 800 for the fourth item */
}

/* ID selector for modal */
#myModal {
    display: none; /* Initially hidden modal */
    position: fixed;
    z-index: 1;
    left: 0;
    top: 0;
    width: 100%;
    height: 100%;
    overflow: auto;
    background-color: □rgb(0,0,0); /* Fallback color */
    background-color: □rgba(0,0,0,0.4); /* Black w/ opacity */
}

.navigation {
    background-color: □#333; /* Background color for navigation */
    overflow: hidden;
}

.navigation a {
    float: left;
    color: ■#f2f2f2;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-size: 17px;
}

.aligned-right {
    text-align: right;
}

.aligned-center {
    text-align: center;
}

.aligned-left {
    text-align: left;
}

@media print {
    /* Hide non-essential elements */
    nav#navbar, .modal, footer#footer, .hamburger, #myModal, .modal-content, .navigation, .grid-overlay {
        display: none;
    }
}

/* Ensure the body has a plain background and text is black for better visibility */
body {
    background: none !important;
    color: □black !important;
    font-family: 'Times New Roman', serif;
    width: 100%;
    max-width: 100%;
    overflow: visible;
}

/* Simplify layout - full width for content areas */
```

sm_A1_web-skills.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Web Skills</title>
    <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="./css/navbar.css">
    <link rel="stylesheet" href="./css/web-skills.css">
    <link rel="stylesheet" href="./css/footer.css">
    <!-- Document description: Web Skill page created by Samuel Moran, 21/03/2024. -->
  </head>
  <body>
    <div class="page-wrapper">
      <nav id="navbar">
        <div class="hamburger">
          <div class="hamburger-line"></div>
          <div class="hamburger-line"></div>
          <div class="hamburger-line"></div>
        </div>
        
        <ul class="nav-links">
          <li><a href="index.html">Home</a></li>
          <li><a href="sm_A1_about.html">About</a></li>
          <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
          <li><a href="sm_A1_resume.html">Resume</a></li>
        </ul>
        <div class="nav-phone">0412 345 678</div>
      </nav>
      <div class="intro-text">
        <h1 class="green-gradient-text" id="myBtn">Web Skills</h1>
      </div>

      <div class="skill-container">
        <div class="skill-title">
          <h2>Front-end Technologies</h2>
        </div>
        <div class="skill">
          <h3>HTML/CSS</h3>
          <p>Proficient in creating semantic, accessible, and responsive web pages using HTML5 and CSS3.</p>
        </div>
        <div class="skill">
          <h3>JavaScript</h3>
          <p>Experienced in writing clean, efficient, and maintainable JavaScript code for interactive web experiences.</p>
        </div>
        <div class="skill">
          <h3>React</h3>
          <p>Skilled in developing dynamic and reusable user interfaces using the React library.</p>
        </div>
        <div class="skill">
          <h3>Tailwind</h3>
          <p>Adept at utilising the Tailwind CSS framework for rapid and consistent UI development.</p>
        </div>
      </div>
      <div class="skill-container">
        <div class="skill-title">
          <h2>Back-end Technologies</h2>
        </div>
        <div class="skill">
          <h3>Python</h3>
          <p>Proficient in developing server-side applications and scripts using Python.</p>
        </div>
        <div class="skill">
```

```
<div class="skill">
    <h3>Linux</h3>
    <p>Comfortable working in Linux environments and familiar with command-line interfaces.</p>
</div>
<!-- The Modal -->
<div id="myModal" class="modal">
    <!-- Modal content -->
    <div class="modal-content">
        <span class="close">&times;</span>
        <p class="info-message">This modal pop-up is designed to include all HTML and CSS requirements of ITC293 A2.</p>
        <!-- Headings -->
        <h1>Heading 1 text colour red</h1>
        <h2>Heading 2 text colour blue</h2>
        <br>

        <!-- Paragraphs -->
        <p class="aligned-left">This paragraph is aligned to the left and in text style oblique.</p>
        <p class="aligned-center">This paragraph is centered and in italic.</p>
        <p class="aligned-right">This paragraph is aligned to the right and in text style oblique.</p>

        <!-- Lists -->
        <p>Ordered list to Roman numerals:</p>
        <ol type="I" class="different-typefaces">
            <li>Typeface 200</li>
            <li>Typeface 400</li>
            <li>Typeface 600</li>
            <li>Typeface 800</li>
        </ol>
        <br>
        <p>Unordered list to squares:</p>
        <ul>
            <li>First bullet</li>
            <li>Second bullet</li>
            <li>Third bullet</li>
        </ul>
        <br>
        <!-- Images -->
        <p>Sample image below of the GitHub logo:</p>
        
        <br>
        <!-- Internal Link -->
        <a href="#myModal">Open Modal</a>

        <!-- External Link -->
        <a href="https://www.example.com" target="_blank">Visit Example</a>

        <!-- Email and Phone Links -->
        <a href="mailto:samuel@example.com">Send Email</a>
        <a href="tel:+1234567890">Call Us</a>

        <!-- Character Reference -->
        <p>The copyright symbol: &copy;</p>
    </div>
</div>
<!-- Footer -->
<div id="footer">
    <div class="footer-content">
        <div class="footer-logo">
            
        </div>
        <div class="footer-pages">
            <ul>
                <li><h3>Pages</h3></li>
                <li><a href="index.html">Home</a></li>
            </ul>
        </div>
    </div>
</div>
```

web-skills.css

```
:root {
    /* Colour scheme */
    --background-color: #000000;
    --gradient-color-start: #010d22;
    --gradient-color-middle: #5d6067;
    --gradient-color-end: #010d22;
    --overlay-color: #010d22;
    --border-color: #d60672c;
    --box-background-color: #010d222f;
    --text-color: #ffffff;

    /* Font settings */
    --font-family: 'Inter', sans-serif;
    --font-size-large: 3rem;
    --font-size-medium: 2rem;
    --font-size-small: 1.5rem;
    --font-size-xsmall: 1rem;
    --border-radius: 20px;

    /* Spacing */
    --spacing-large: 3rem;
    --spacing-medium: 2rem;
    --spacing-small: 1rem;
    --grid-gap: 0.5rem;
}

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: var(--font-family);
    display: flex;
    flex-direction: column;
    justify-content: space-between;
    align-items: center;
    position: relative;
    min-height: 100vh;
    background-color: var(--background-color);
    background-image: linear-gradient(60deg, var(--gradient-color-start) 30%, var(--gradient-color-middle) 50%, var(--gradient-color-end) 70%);
    overflow-x: hidden;
    padding: var(--spacing-small);
}

body::before {
    content: "";
    position: fixed;
    top: 0;
    left: 0;
    width: 100vw;
    height: 100vh;
    z-index: -1;
    background-image:
        linear-gradient(to bottom left, transparent, var(--overlay-color)),
        linear-gradient(to right, var(--overlay-color) 1px, transparent 1px),
        linear-gradient(to bottom, var(--overlay-color) 1px, transparent 1px);
    background-size: 100% 100%, 5px 15px, 14px 24px;
    background-repeat: no-repeat, repeat, repeat;
    pointer-events: none;
    padding: var(--spacing-small);
}

.page-wrapper {
    display: flex;
    flex-direction: column;
    align-items: center;
```

```
@media only screen and (max-width: 768px) {
  .skill-container {
    grid-template-columns: 1fr;
  }
}

@media only screen and (max-width: 480px) {
  .intro-text,
  .skill-container {
    width: 95%;
    margin: var(--spacing-small) 0;
  }

  .skill-title h2 {
    font-size: var(--font-size-small);
  }

  .skill h3 {
    font-size: var(--font-size-small);
  }

  .skill p {
    font-size: var(--font-size-xsmall);
  }
}

/* Modal Popup Styling */
.modal {
  display: none;
  position: fixed;
  z-index: 1;
  padding-top: 100px;
  left: 0;
  top: 0;
  width: 100%;
  height: 100%;
  overflow: auto;
  background-color: var(--modal-background-color);
}

.modal-content {
  background-color: var(--modal-content-background-color);
  margin: auto;
  padding: 3rem;
  border: 1px solid #888;
  width: 80%;
  color: #rgb(0, 0, 0);
  font-style: italic;
}

.modal-content ul {
  list-style-type: square;
}

.info-message {
  font-weight: 800;
  font-size: 1.5rem;
}

.close {
  color: #1b1b1b;
  float: right;
  font-size: 28px;
  font-weight: bold;
}

.close:hover, .close:focus {
  color: #ff0000;
  text-decoration: none;
}
```

```

.different-typefaces li:nth-child(3) {
    font-weight: 600; /* Typeface 600 for the third item */
}

.different-typefaces li:nth-child(4) {
    font-weight: 800; /* Typeface 800 for the fourth item */
}

/* ID selector for modal */
#myModal {
    display: none; /* Initially hidden modal */
    position: fixed;
    z-index: 1;
    left: 0;
    top: 0;
    width: 100%;
    height: 100%;
    overflow: auto;
    background-color: □rgb(0,0,0); /* Fallback color */
    background-color: □rgba(0,0,0,0.4); /* Black w/ opacity */
}

.navigation {
    background-color: □#333; /* Background color for navigation */
    overflow: hidden;
}

.navigation a {
    float: left;
    color: □#f2f2f2;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-size: 17px;
}

.aligned-right {
    text-align: right;
}

.aligned-center {
    text-align: center;
}

.aligned-left {
    text-align: left;
}

@media print {
    /* Hide all irrelevant elements for printing */
    nav#navbar, .modal, footer#footer, .hamburger, #myModal, .modal-content, .navigation, .grid-overlay {
        display: none;
    }

    /* Simplify background and text */
    body {
        background: none;
        color: □black; /* Black text for better print visibility */
        font-size: 12pt; /* Increase font size for print */
    }

    /* Left-aligned text and a more readable font size */
    .intro-text, .skill-container, .skill h3, .skill p {
        text-align: left;
        color: □black; /* Black text for better readability */
    }

    /* Remove background colours and borders from skills sections */
    .skill {

```

sm_A1_resume.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
    <!-- Document description: Resume page created by Samuel Moran, 21/03/2024. -->
    <link rel="stylesheet" href="./css/navbar.css">
    <link rel="stylesheet" href="./css/resume.css">
    <link rel="stylesheet" href="./css/footer.css">
    <title>Resume</title>
</head>
<body class="bottom-blur-gradient">

    <div class="content-wrapper">
        <nav id="navbar">
            <div class="hamburger">
                <div class="hamburger-line"></div>
                <div class="hamburger-line"></div>
                <div class="hamburger-line"></div>
            </div>
            
            <ul class="nav-links">
                <li><a href="index.html">Home</a></li>
                <li><a href="sm_A1_about.html">About</a></li>
                <li><a href="sm_A1_web-skills.html">Web Skills</a></li>
                <li><a href="sm_A1_resume.html">Resume</a></li>
            </ul>
            <div class="nav-phone">0412 345 678</div>
        </nav>
        <section id="hero-section">
            <div class="intro-text">
                <h1 class="green-gradient-text" id="myBtn">Professional Experience</h1>
            </div>
        </section>
        <section id="timeline">
            <ul>
                <li>
                    <div class="job-title" data-date="2024">Software Engineer</div>
                    <div class="title">
                        <p><span class="emoji-title"> "💼</span> Anomaly Software Pty Ltd</p>
                        <p><span class="emoji-title"> "👤</span> Internship/CSU Project</p>
                        <p><span class="emoji-title"> "📅</span> FEB 2024 - Current</p>
                    </div>
                    <div class="descr">
                        <div class="item-content">
                            <span class="tick"> ✅</span>
                            <p class="item-text">Developed a property data management system using Django, implementing features such as CSV upload functionality and data versioning.</p>
                        </div>
                        <div class="item-content">
                            <span class="tick"> ✅</span>
                            <p class="item-text">Designed and implemented a certificate ordering system with property search, selection process, order details collection, and Stripe payment gateway integration.</p>
                        </div>
                        <div class="item-content">
                            <span class="tick"> ✅</span>
                            <p class="item-text">Created an order fulfilment workflow with a council dashboard, order filtering and management, document upload functionality, and order status updates.</p>
                        </div>
                        <div class="item-content">
                            <span class="tick"> ✅</span>
                            <p class="item-text">Implemented email notifications using customised templates and integrated email sending functionality.</p>
                        </div>
                        <div class="item-content">
                            <span class="tick"> ✅</span>
                            <p class="item-text">Anomaly Software Pty Ltd</p>
                        </div>
                    </div>
                </li>
            </ul>
        </section>
    </div>

```

```
<div class="item-content">
    <span class="tick">#</span>
    <p class="item-text">Tested system updates rigorously using automated testing tools and manual testing techniques.</p>
</div>
<div class="item-content">
    <span class="tick">#</span>
    <p class="item-text">Developed interim solutions for unresolved issues, ensuring business continuity.</p>
</div>
<div class="item-content">
    <span class="tick">#</span>
    <p class="item-text">Created detailed system user documentation, including user manuals, FAQs, and video tutorials, reducing support tickets by 40% and enabling users to self-serve.</p>
</div>
</div>
</li>
<li>
    <div class="job-title" data-date="2020">IT Operations Coordinator</div>
    <div class="title">
        <p><span class="emoji-title">#</span>All Mowers Spares Pty Ltd</p>
        <p><span class="emoji-title">#</span> Full-time</p>
        <p><span class="emoji-title">#</span>FEB 2020 - AUG 2022</p>
    </div>
    <div class="descr">
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Managed & taught our offshore teams data entry and marketing tasks through meetings and documentation.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Worked with software engineers to identify and resolve bugs, reducing system downtime and improving overall system stability.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Calculated & uploaded bulk product pricing for changes in supplier updates or promotions, ensuring competitive but profitable profit margins.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Supplied relevant team leaders with KPI insights to hold staff accountable, resulting in a 20% improvement in the picker packers performance.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Addressed staff's computer hardware and software issues, minimising productivity loss due to technical problems.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Setup networking for business devices, including Wi-Fi access points, routers, and switches, ensuring network uptime and secure connectivity for all users.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Resolved dealership ERP system issues, including data synchronisation, inventory management, and reporting, reducing the need for manual data reconciliation efforts.</p>
        </div>
        <div class="item-content">
            <span class="tick">#</span>
            <p class="item-text">Created detailed system user documentation, including standard operating procedures (SOPs), user guides, and video tutorials, reducing
```

```

        <!-- Email and Phone Links -->
        <a href="mailto:samuel@example.com">Send Email</a>
        <a href="tel:+1234567890">Call Us</a>

        <!-- Character Reference -->
        <p>The copyright symbol: &copy;</p>
    </div>
</div>

<section class="tables">
    <table>
        <caption>Grading Key</caption>
        <thead>
            <tr>
                <th scope="col">Abbreviation</th>
                <th scope="col">Meaning</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>HD</td>
                <td>High Distinction</td>
            </tr>
            <tr>
                <td>DI</td>
                <td>Distinction</td>
            </tr>
            <tr>
                <td>CR</td>
                <td>Credit</td>
            </tr>
            <tr>
                <td>PS</td>
                <td>Pass</td>
            </tr>
            <tr>
                <td>TBC</td>
                <td>To Be Continued</td>
            </tr>
        </tbody>
    </table>

    <table>
        <caption>Course Results Overview</caption>
        <thead>
            <tr>
                <th scope="col">Subject</th>
                <th scope="col">Result</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Introduction to the Web</td>
                <td>TBC</td>
            </tr>
            <tr>
                <td>Software Development Project 1</td>
                <td>TBC</td>
            </tr>
            <tr>
                <td>Virtualisation Technologies</td>
                <td>TBC</td>
            </tr>
            <tr>
                <td>Data Structures</td>
                <td>TBC</td>
            </tr>
        </tbody>
    </table>

```

```
    <hr>
    <div class="copyright">Copyright © 2024 Samuel Moran Portfolio</div>
  </footer>
  <script src="./scripts/modal.js"></script>
  <script src="./scripts/hamburger.js"></script>
</body>
</html>
```

resume.css

```
:root {
  /* Colours */
  --background-color: #000000;
  --gradient-start: #012217;
  --gradient-middle: #5e675d;
  --gradient-end: #012217;
  --overlay-color: #012217;
  --grid-line-color: #0a2201;
  --text-gradient-start: #00d0ff;
  --text-gradient-end: #4dff03;

  /* Font */
  --font-family: 'Inter', sans-serif;

  /* Sizes */
  --base-font-size: 16px; /* Assuming a base font size */
  --big-heading-size: 72px;
  --heading-size: 3rem;
  --content-padding: 10px;
  --grid-line-size: 1px;

  /* Spacing */
  --hero-section-margin-top: 5rem;
  --intro-text-margin-bottom: 3rem;

  /* Timeline Variables */
  --color: rgba(30, 30, 30);
  --bgColor: #010d222f;
  --card-top-color: rgb(255, 255, 255);
  --card-top-color-text: rgb(0, 0, 0);
  --card-border-width: 1px;
  --text-color: white;
  --border-color: rgba(255, 255, 255, 0.144);
  --shadow-color: rgba(0, 0, 0, 0.5);
  --title-font-size: 1.25rem;
  --title-font-weight: 700;
  --descr-font-weight: 300;
  --card-padding-inline: 1.5rem;
  --card-padding-block-start: 1.5rem;
  --card-padding-block-end: 1rem;
  --descr-padding-block-end: 1.5rem;
  --item-margin-bottom: 8px;
  --border-radius: 10px;
  --shadow-width: 90%;
  --shadow-height: 0.5rem;
  --shadow-blur: 4px;
}

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
  font-family: var(--font-family);
  color: white;
  display: flex;
  flex-direction: column;
  justify-content: space-between;
  align-items: center;
  justify-items: center;
  position: relative;
  min-height: 100vh;
  background-color: var(--background-color);
  background-image: linear-gradient(-60deg, var(--gradient-start) 30%, var(--gradient-middle) 50%, var(--gradient-end) 70%);
  overflow-x: hidden;
  padding: var(--content-padding);
}
```

```
.intro-text {
  display: flex;
  flex-direction: column;
  max-width: 900px;
  margin-bottom: var(--intro-text-margin-bottom);
}

.intro-text h1 {
  font-size: var(--heading-size);
  text-align: center;
}

@media (min-width: 720px) {
  .gradient {
    --size: 1000px;
    --blur-amount: 200px;
  }
}

/* TIMELINE CSS */
#timeline ul {
  margin-bottom: 2rem;
}

#timeline ul {
  --col-gap: 3rem;
  --row-gap: 2rem;
  --line-w: 0.25rem;
  display: grid;
  grid-template-columns: var(--line-w) 1fr;
  grid-auto-columns: max-content;
  column-gap: var(--col-gap);
  list-style: none;
  width: min(60rem, 90%);
  margin-inline: auto;
}

/* line */
#timeline ul::before {
  content: "";
  grid-column: 1;
  grid-row: 1 / span 20;
  background: linear-gradient(to top, transparent, transparent 50%, #fff 50%, #fff 55%, transparent 55%, transparent);
  border-radius: calc(var(--line-w) / 2);
}

/* row gaps */
#timeline ul li:not(:last-child) {
  margin-bottom: var(--row-gap);
}

/* card */
#timeline ul li {
  grid-column: 2;
  --inlineP: 1.5rem;
  margin-inline: var(--inlineP);
  grid-row: span 2;
  display: grid;
  grid-template-rows: min-content min-content min-content;
}

/* job title */
#timeline ul li .job-title {
  --dateH: 3rem;
  height: var(--dateH);
  margin-inline: calc(var(--inlineP) * -1);
  text-align: center;
  background-color: var(--card-top-color);
  color: var(--card-top-color-text);
}
```

```
#timeline ul li .descr {
  padding-block-end: var(--descr-padding-block-end);
  font-weight: var(--descr-font-weight);
  border-bottom-left-radius: var(--border-radius);
  border-bottom-right-radius: var(--border-radius);
}

#timeline .title {
  display: flex;
  align-items: flex-start;
  flex-direction: column;
}

.emoji-title {
  margin-right: 12px;
  font-size: 20px;
}

#timeline .descr {
  border-style: none solid solid;
  border-width: var(--card-border-width);
  border-color: var(--border-color);
}

#timeline .title {
  border-style: none solid;
  border-width: var(--card-border-width);
  border-color: var(--border-color);
}

/* shadows */
#timeline ul li .title::before,
#timeline ul li .descr::before {
  content: "";
  position: absolute;
  width: var(--shadow-width);
  height: var(--shadow-height);
  background: var(--shadow-color);
  left: 50%;
  border-radius: 50%;
  filter: blur(var(--shadow-blur));
  transform: translate(-50%, 50%);
}
#timeline ul li .title::before {
  bottom: calc(100% + 0.125rem);
}

#timeline ul li .descr::before {
  z-index: -1;
  bottom: 0.25rem;
}

.descr .item-content {
  display: flex;
  align-items: flex-start;
  margin-bottom: var(--item-margin-bottom);
}

.descr .tick {
  margin-right: 12px;
  font-size: 20px;
}

.descr .item-text {
  flex: 1;
  margin: 0;
}

@media (min-width: 55rem) {
```

```
.info-message {
  font-weight: 800;
  font-size: 1.5rem;
}

.close {
  color: #1b1b1b;
  float: right;
  font-size: 28px;
  font-weight: bold;
}

.close:hover, .close:focus {
  color: #ff0000;
  text-decoration: none;
  cursor: pointer;
}

@keyframes animate {
  0%, 100% { transform: translateY(10px); }
  50% { transform: translateY(-10px); }
}

.modal-content {
  font-size: 18px;
  border-radius: 20px;
  background-color: #fefefeb3; /* Background color for modal content */
  backdrop-filter: blur(10px);
  font-weight: 200; /* Font weight for modal content */
}

.modal-content h1 {
  color: #rgb(163, 0, 0);
  text-decoration: #rgb(0, 0, 0) underline;
}

.modal-content h2 {
  color: blue;
  text-decoration: #rgb(0, 0, 0) wavy underline;
}

.modal-content img {
  max-width: 100px;
}

.navigation a:hover {
  background-color: #ddd; /* Different background color for navigation links on hover */
  color: black; /* Different text color */
}

.aligned-left, .aligned-center, .aligned-right {
  font-style: oblique; /* Different font style */
  font-weight: 400; /* Different font weight */
}

.aligned-center {
  font-size: 24px; /* Different font size */
}

.different-typefaces {
  font-family: 'Roboto', sans-serif;
  list-style-type: upper-roman; /* This ensures the list is in Roman numerals */
}

.different-typefaces li:nth-child(1) {
  font-weight: 200; /* Typeface 200 for the first item */
}

.different-typefaces li:nth-child(2) {
```

```

/* Tables container */
.tables {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-around;
    align-items: flex-start;
    gap: 20px;
    padding: 20px;
    box-sizing: border-box;
}

/* Styling for each table */
.tables table {
    border-collapse: collapse;
    width: 48%;
    max-width: 600px;
    margin: 0 auto;
    background-color: □rgba(0, 0, 0, 0.436);
    box-shadow: 0 4px 8px □rgba(0,0,0,0.1);
}

.tables th, .tables td {
    border: 1px solid □#dddddd;
    text-align: left;
    padding: 8px;
    color: □#ffffff;
}

.tables th {
    background-color: □rgba(0, 0, 0, 0.075);
    color: □#ffffff;
}

.tables caption {
    font-size: 1.25em;
    margin: 10px 0;
    font-weight: bold;
}

@media (max-width: 768px) {
    .tables {
        flex-direction: column; /* Stacks the tables vertically on small screens */
    }

    .tables table {
        width: 100%; /* Allows table to expand to full container width */
    }
}

@media print {
    /* Hide non-essential elements */
    nav#navbar, .modal, footer#footer, .hamburger, #myModal, .modal-content, .navigation, .grid-overlay {
        display: none;
    }

    /* Override body styles to ensure print compatibility */
    body {
        background: none !important;
        color: □black !important;
        font-family: 'Times New Roman', serif;
        width: 100%;
        max-width: 100%;
        overflow: visible;
    }

    /* Simplify layouts for printing */
    .content-wrapper, .skill-container, .skill {
        width: 100%;
        padding: 0;
    }
}

```

navbar.css

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

/* Navbar styles */
#navbar {
  background-color: #rgba(0, 0, 0, 0.075);
  backdrop-filter: blur(10px);
  -webkit-backdrop-filter: blur(10px);
  border: 1px solid #rgba(255, 255, 255, 0.25);
  z-index: 100;
  position: sticky;
  top: 20px;
  display: flex;
  justify-content: space-between;
  align-items: center;
  max-width: 700px;
  width: 90%;
  border-radius: 15px;
  padding: 20px;
  box-shadow: 0 4px 20px #rgba(254, 254, 254, 0.181);
}

.nav-phone {
  color: #white;
}

.nav-logo {
  max-height: 30px;
}

.hamburger {
  display: none;
  cursor: pointer;
}

.hamburger-line {
  width: 25px;
  height: 3px;
  background-color: #white;
  margin: 6px 0;
}

.nav-links {
  display: flex;
  list-style-type: none;
}

.nav-links li {
  margin-left: 20px;
}

.nav-links a {
  color: #white;
  text-decoration: none;
  padding: 10px;
}

.nav-links a:hover {
  background-color: #ddd;
  color: black;
}

@media screen and (max-width: 768px) {
  .hamburger {
    display: block;
  }
}
```

footer.css

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

#footer {
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  z-index: 100;
  width: 100vw;
  border-radius: 15px;
  padding: 20px;
  background-color: #rgba(0, 0, 0, 0.075);
  backdrop-filter: blur(10px);
  color: white;
  -webkit-backdrop-filter: blur(10px);
  border: 1px solid #rgba(255, 255, 255, 0.25);
  box-shadow: 0 4px 20px #rgba(254, 254, 254, 0.181);
  max-width: 1100px;
}

#footer hr {
  color: #rgba(255, 255, 255, 0.25);
  width: 80%;
}

.footer-content {
  display: flex;
  width: 80%;
  justify-content: space-between;
  padding: 2rem;
}

.footer-logo img {
  display: flex;
  justify-content: center;
  width: 100px;
}

.footer-pages {
  display: flex;
  justify-content: start;
}

.footer-pages h3 {
  font-weight: 800;
}

.footer-pages ul {
  list-style-type: none;
}

.copyright {
  padding: 2rem;
}

/* Media Queries for responsiveness */
@media (max-width: 650px) {
  #footer {
    padding: 10px; /* Reduce padding */
  }

  .footer-content {
    flex-direction: column; /* Stack content vertically on small screens */
    align-items: center; /* Center-align the content */
  }
}
```

sm_a4_signup.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Newsletter Signup</title>
    <link rel="stylesheet" href="css/signup.css">
    <link rel="stylesheet" href="./css/navbar.css">
    <script src="scripts/signup.js" defer></script>
</head>
<body onload="displayWelcomeMessage()">
    <header>
        <h1 class="orange-gradient-text">Newsletter Signup</h1>
    </header>
    <main>
        <div class="form-container">
            <form id="signup-form" novalidate>
                <p class="green-gradient-text">Welcome to the Healthcare Drone Corporation - Newsletter Signup</p>
                <label for="first-name">First Name (required):</label>
                <input type="text" id="first-name" name="first-name" maxlength="60" required placeholder="Enter your first name">
                <br>
                <label for="last-name">Last Name (required):</label>
                <input type="text" id="last-name" name="last-name" maxlength="60" required placeholder="Enter your last name">
                <br>
                <label for="email">Email Address (required):</label>
                <input type="email" id="email" name="email" maxlength="60" required placeholder="Enter your email">
                <br>
                <div class="radio-group">
                    <p>Age Range (required):</p>
                    <label for="age-15-25">
                        <input type="radio" id="age-15-25" name="age" value="15-25" required>
                        15-25
                    </label>
                    <label for="age-26-35">
                        <input type="radio" id="age-26-35" name="age" value="26-35">
                        26-35
                    </label>
                    <label for="age-36-45">
                        <input type="radio" id="age-36-45" name="age" value="36-45">
                        36-45
                    </label>
                    <label for="age-46-55">
                        <input type="radio" id="age-46-55" name="age" value="46-55">
                        46-55
                    </label>
                    <label for="age-55+*>
                        <input type="radio" id="age-55+" name="age" value="55+*>
                        55+
                    </label>
                </div>
                <div class="checkbox-group">
                    <p>Areas of Interest (required):</p>
                    <label for="interest1">
                        <input type="checkbox" id="interest1" name="interest" value="Drone Design">
                        Drone Design
                    </label>
                    <label for="interest2">
                        <input type="checkbox" id="interest2" name="interest" value="Drone Navigation Algorithms">
                        Drone Navigation Algorithms
                    </label>
                    <label for="interest3">
                        <input type="checkbox" id="interest3" name="interest" value="Healthcare Tech Updates">
                        Healthcare Tech Updates
                    </label>
                    <label for="interest4">
                        <input type="checkbox" id="interest4" name="interest" value="Success Stories">
                        Success Stories
                    </label>
                    <label for="interest5">
                        <input type="checkbox" id="interest5" name="interest" value="Miscellaneous">
                        Miscellaneous
                    </label>
                </div>
                <label for="comments">Comments:</label>
                <textarea id="comments" name="comments" rows="3" cols="60" placeholder="Enter your comments"></textarea>
                <br>
                <button type="submit">Submit</button>
                <button type="reset">Reset</button>
                <div id="notification" style="display:none;"></div>
            </form>
        </div>
    </main>
</body>

```

signup.css

```
:root {
    /* Colour scheme */
    --background-color: #000000;
    --gradient-color-start: #010d22;
    --gradient-color-middle: #5d6067;
    --gradient-color-end: #010d22;
    --overlay-color: #010d22;
    --border-color: #5d60672c;
    --box-background-color: #010d222f;
    --text-color: #ffffff;
    --glass-bg-color: rgba(181, 170, 170, 0.168);

    /* Font settings */
    --font-family: 'Inter', sans-serif;
    --font-size-large: 3rem;
    --font-size-medium: 2rem;
    --font-size-small: 1.5rem;
    --font-size-xsmall: 1rem;
    --border-radius: 20px;

    /* Spacing */
    --spacing-large: 3rem;
    --spacing-medium: 2rem;
    --spacing-small: 1rem;
    --grid-gap: 0.5rem;
}

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: var(--font-family);
    display: flex;
    flex-direction: column;
    justify-content: space-between;
    align-items: center;
    position: relative;
    min-height: 100vh;
    background-color: var(--background-color);
    background-image: linear-gradient(60deg, var(--gradient-color-start) 30%, var(--gradient-color-middle));
    overflow-x: hidden;
    padding: var(--spacing-small);
}

body::before {
    content: "";
    position: fixed;
    top: 0;
    left: 0;
    width: 100vw;
    height: 100vh;
    z-index: -1;
    background-image:
        linear-gradient(to bottom left, transparent, var(--overlay-color)),
        linear-gradient(to right, var(--overlay-color) 1px, transparent 1px),
        linear-gradient(to bottom, var(--overlay-color) 1px, transparent 1px);
    background-size: 100% 100%, 5px 15px, 14px 24px;
    background-repeat: no-repeat, repeat, repeat;
    pointer-events: none;
    padding: var(--spacing-small);
}

header h1 {
    color: var(--text-color);
```

```
background-color: var(--glass-bg-color);
color: var(--text-color); /* Ensure text is visible */
max-width: 600px
}

input::placeholder,
textarea::placeholder {
    color: var(--text-color);
}

input[type="radio"],
input[type="checkbox"] {
    margin-right: 10px;
    vertical-align: middle;
}

.radio-group,
.checkbox-group {
    display: flex;
    flex-direction: column;
    margin-bottom: var(--spacing-small);
}

.radio-group label,
.checkbox-group label {
    display: flex;
    align-items: center;
    margin-bottom: 5px;
}

button {
    padding: 10px 15px;
    margin: 10px 0;
    border: none;
    border-radius: 5px;
    background-color: var(--gradient-color-middle);
    color: white;
    cursor: pointer;
}

button[type="reset"] {
    background-color: var(--gradient-color-end);
}

button:hover {
    opacity: 0.8;
}

.orange-gradient-text {
    background-image: linear-gradient(to top, var(--highlight-color-1), var(--highlight-color-2));
    -webkit-background-clip: text;
    color: transparent;
}

.green-gradient-text {
    background-image: linear-gradient(to bottom, var(--highlight-color-4), var(--highlight-color-5));
    -webkit-background-clip: text;
    color: transparent;
}

.orange-gradient-text,
.green-gradient-text {
    color: var(--text-color); /* Fallback color for text */
}

.radio-group p,
.checkbox-group p {
```

signup.js

```

// Display a welcome message when the page loads
function displayWelcomeMessage() {
    alert("Welcome to the Healthcare Drone Corporation - Newsletter Signup");
}

// Add event listener to the form for the submit event
document.getElementById('signup-form').addEventListener('submit', async function(event) {
    event.preventDefault(); // Prevent default form submission

    // Get form values
    const firstName = document.getElementById('first-name').value.trim();
    const lastName = document.getElementById('last-name').value.trim();
    const email = document.getElementById('email').value.trim();
    const age = document.querySelector('input[name="age"]:checked')?.value;
    const interests = Array.from(document.querySelectorAll('input[name="interest"]:checked')).map(cb => cb.value);
    const comments = document.getElementById('comments').value.trim();

    // Validate form fields
    if (!firstName) {
        alert("First Name is required.");
        document.getElementById('first-name').focus();
        return;
    }

    if (!lastName) {
        alert("Last Name is required.");
        document.getElementById('last-name').focus();
        return;
    }

    if (!email) {
        alert("Email Address is required.");
        document.getElementById('email').focus();
        return;
    }

    if (!age) {
        alert("Age Range is required.");
        return;
    }

    if (interests.length === 0) {
        alert("At least one area of interest must be selected.");
        return;
    }

    // Create data object to be sent
    const data = {
        firstName,
        lastName,
        emailAddress: email,
        ageRange: age,
        services: interests
    };

    if (comments) {
        data.feedback = comments; // Include comments if provided
    }

    console.log("Data being sent:", JSON.stringify(data)); // Log data for debugging

    try {
        // Send data to the server using Fetch API
        const response = await fetch('https://3ex2gpke3sk4346d4mxi5rrc6e0tcurx.lambda-url.ap-southeast-2.on.aws/', {
            method: 'POST',
            headers: {
                'Content-Type': 'application/json',
            },
            body: JSON.stringify(data),
        });

        const responseBody = await response.json(); // Parse the response
        if (response.ok) {
            // Handle success response
        } else {
            // Handle error response
        }
    } catch (error) {
        console.error("Error sending data to the server: ", error);
    }
})

```

sm_A4_communication.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Communication Skills</title>
        <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
        <link rel="stylesheet" href="./css/about.css">
        <link rel="stylesheet" href="./css/navbar.css">
        <link rel="stylesheet" href="./css/footer.css">
        <!-- Document description: About page created by Samuel Moran, 21/03/2024. -->
    </head>
    <body>
        <div class="page-wrapper">
            <nav id="navbar">
                <div class="hamburger">
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                </div>
                
                <ul class="nav-links">
                    <li><a href="index.html">Home</a></li>
                    <li><a href="sm_A4_about.html">About</a></li>
                    <li><a href="sm_A4_web-skills.html">Web Skills</a></li>
                    <li><a href="sm_A4_resume.html">Resume</a></li>
                </ul>
                <div class="nav-phone">0412 345 678</div>
            </nav>

            <div class="skill-container">
                <div class="skill">
                    <h3 id="myBtn">Communication skills</h3>
                    <p>Effective communication has been a key factor in my ability to liaise between clients, softw</p>
                </div>
            </div>
            <!-- The Modal -->
            <div id="myModal" class="modal">
                <!-- Modal content -->
                <div class="modal-content">
                    <span class="close">&times;</span>
                    <p class="info-message">This modal pop-up is designed to include all HTML and CSS requirements<br/>
                    <!-- Headings -->
                    <h1>Heading 1 text colour red</h1>
                    <h2>Heading 2 text colour blue</h2>
                    <br>
                    <!-- Paragraphs -->
                    <p class="aligned-left">This paragraph is aligned to the left and in text style oblique.</p>
                    <p class="aligned-center">This paragraph is centered and in italic.</p>
                    <p class="aligned-right">This paragraph is aligned to the right and in text style oblique.</p>
                    <!-- Lists -->
                    <p>Ordered list to Roman numerals:</p>
                    <ol type="I" class="different-typefaces">
                        <li>Typeface 200</li>
                        <li>Typeface 400</li>
                        <li>Typeface 600</li>
                        <li>Typeface 800</li>
                    </ol>
                    <br>
                    <p>Unordered list to squares:</p>
                    <ul>
                        <li>First bullet</li>
                        <li>Second bullet</li>
                        <li>Third bullet</li>
                    </ul>
                    <br>
                    <!-- Images -->
                    <p>Sample image below of the GitHub logo:</p>
                    
                </div>
            </div>
        </div>
    </body>

```

```
        <li><a href="sm_A4_problem_solving.html">Problem Solving</a></li>
        <li><a href="sm_A4_communication.html">Communication</a></li>
    </ul>
</div>
<div class="footer-contact">
    <h3>Contact</h3>
    <a href="mailto:samuel@example.com">Send Email</a>
    <a href="tel:+1234567890">0412345678</a>
</div>
<div class="footer-newsletter">
    <h3>Signup Newsletter</h3>
    <a href="sm_A4_signup.html" target="_blank">Newsletter Signup</a>
</div>
</div>
<hr>
<div class="copyright">Copyright © 2024 Samuel Moran Portfolio</div>
</footer>
<script src="./scripts/modal.js"></script>
<script src="./scripts/hamburger.js"></script>
</body>
</html>
```

sm_A4_problem_solving.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Problem Solving</title>
        <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
        <link rel="stylesheet" href=".css/about.css">
        <link rel="stylesheet" href=".css/navbar.css">
        <link rel="stylesheet" href=".css/footer.css">
        <!-- Document description: About page created by Samuel Moran, 21/03/2024. -->
    </head>
    <body>
        <div class="page-wrapper">
            <nav id="navbar">
                <div class="hamburger">
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                </div>
                
                <ul class="nav-links">
                    <li><a href="index.html">Home</a></li>
                    <li><a href="sm_A4_about.html">About</a></li>
                    <li><a href="sm_A4_web-skills.html">Web Skills</a></li>
                    <li><a href="sm_A4_resume.html">Resume</a></li>
                </ul>
                <div class="nav-phone">0412 345 678</div>
            </nav>

            <div class="skill-container">
                <div class="skill">
                    <h3 id="myBtn">Problem Solving Skills</h3>
                    <p>My problem-solving skills have been a cornerstone of my professional journey. Whether it was
                </div>
            </div>
            <!-- The Modal -->
            <div id="myModal" class="modal">
                <!-- Modal content -->
                <div class="modal-content">
                    <span class="close">&times;</span>
                    <p class="info-message">This modal pop-up is designed to include all HTML and CSS requirements
                    <!-- Headings -->
                    <h1>Heading 1 text colour red</h1>
                    <h2>Heading 2 text colour blue</h2>
                    <br>

                    <!-- Paragraphs -->
                    <p class="aligned-left">This paragraph is aligned to the left and in text style oblique.</p>
                    <p class="aligned-center">This paragraph is centered and in italic.</p>
                    <p class="aligned-right">This paragraph is aligned to the right and in text style oblique.</p>

                    <!-- Lists -->
                    <p>Ordered list to Roman numerals:</p>
                    <ol type="I" class="different-typefaces">
                        <li>Typeface 200</li>
                        <li>Typeface 400</li>
                        <li>Typeface 600</li>
                        <li>Typeface 800</li>
                    </ol>
                    <br>
                    <p>Unordered list to squares:</p>
                    <ul>
                        <li>First bullet</li>
                        <li>Second bullet</li>
                        <li>Third bullet</li>
                    </ul>
                    <br>
                    <!-- Images -->
                    <p>Sample image below of the GitHub logo:</p>
                    
                </div>
            </div>
        </div>
    </body>

```

```
        <li><a href="#">sm_A4_communication.html>Communication</a></li>
    </ul>
</div>
<div class="footer-contact">
    <h3>Contact</h3>
    <a href="mailto:samuel@example.com">Send Email</a>
    <a href="tel:+1234567890">0412345678</a>
</div>
<div class="footer-newsletter">
    <h3>Signup Newsletter</h3>
    <a href="#">sm_A4_signup.html" target="_blank">Newsletter Signup</a>
</div>
</div>
<hr>
<div class="copyright">Copyright © 2024 Samuel Moran Portfolio</div>
</footer>
<script src="#">./scripts/modal.js"></script>
<script src="#">./scripts/hamburger.js"></script>
</body>
</html>
```

sm_A4_project_management.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Project Management Skills</title>
        <link href="https://fonts.googleapis.com/css2?family=Inter:wght@400;600&display=swap" rel="stylesheet">
        <link rel="stylesheet" href=".css/about.css">
        <link rel="stylesheet" href=".css/navbar.css">
        <link rel="stylesheet" href=".css/footer.css">
        <!-- Document description: About page created by Samuel Moran, 21/03/2024. -->
    </head>
    <body>
        <div class="page-wrapper">
            <nav id="navbar">
                <div class="hamburger">
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                    <div class="hamburger-line"></div>
                </div>
                
                <ul class="nav-links">
                    <li><a href="index.html">Home</a></li>
                    <li><a href="sm_A4_about.html">About</a></li>
                    <li><a href="sm_A4_web-skills.html">Web Skills</a></li>
                    <li><a href="sm_A4_resume.html">Resume</a></li>
                </ul>
                <div class="nav-phone">0412 345 678</div>
            </nav>

            <div class="skill-container">
                <div class="skill">
                    <h3 id="myBtn">Project Management skills</h3>
                    <p>Throughout my career, I have honed my project management skills by successfully leading and
                </div>
            </div>
            <!-- The Modal -->
            <div id="myModal" class="modal">
                <!-- Modal content -->
                <div class="modal-content">
                    <span class="close">&times;</span>
                    <p class="info-message">This modal pop-up is designed to include all HTML and CSS requirements
                    <!-- Headings -->
                    <h1>Heading 1 text colour red</h1>
                    <h2>Heading 2 text colour blue</h2>
                    <br>

                    <!-- Paragraphs -->
                    <p class="aligned-left">This paragraph is aligned to the left and in text style oblique.</p>
                    <p class="aligned-center">This paragraph is centered and in italic.</p>
                    <p class="aligned-right">This paragraph is aligned to the right and in text style oblique.</p>

                    <!-- Lists -->
                    <p>Ordered list to Roman numerals:</p>
                    <ol type="I" class="different-typefaces">
                        <li>Typeface 200</li>
                        <li>Typeface 400</li>
                        <li>Typeface 600</li>
                        <li>Typeface 800</li>
                    </ol>
                    <br>
                    <p>Unordered list to squares:</p>
                    <ul>
                        <li>First bullet</li>
                        <li>Second bullet</li>
                        <li>Third bullet</li>
                    </ul>
                    <br>
                    <!-- Images -->
                    <p>Sample image below of the GitHub logo:</p>
                    
                </div>
            </div>
        </div>
    </body>

```

```
        <ul>
            <li><h3>skill Pages</h3></li>
            <li><a href="sm_A4_project_management.html">Project Management</a></li>
            <li><a href="sm_A4_problem_solving.html">Problem Solving</a></li>
            <li><a href="sm_A4_communication.html">Communication</a></li>
        </ul>
    </div>
    <div class="footer-contact">
        <h3>Contact</h3>
        <a href="mailto:samuel@example.com">Send Email</a>
        <a href="tel:+1234567890">0412345678</a>
    </div>
    <div class="footer-newsletter">
        <h3>signup Newsletter</h3>
        <a href="sm_A4_signup.html" target="_blank">Newsletter Signup</a>
    </div>
</div>
<hr>
<div class="copyright">Copyright © 2024 Samuel Moran Portfolio</div>
</footer>
<script src=".//scripts/modal.js"></script>
<script src=".//scripts/hamburger.js"></script>
</body>
</html>
```