

# PORTFOLIO WEBSITE PRESENTATION

Dayle Clarke  
Aspiring Web Developer

Contact Me

## Welcome

Welcome to my portfolio website. My name is Dayle Clarke and I am about to embark on career change into web development. I have spent the last 13 years working as a Secondary School teacher teaching Digital Technology, Business and Accounting. I am passionate about coding and technology and am excited to make this transition into web development.

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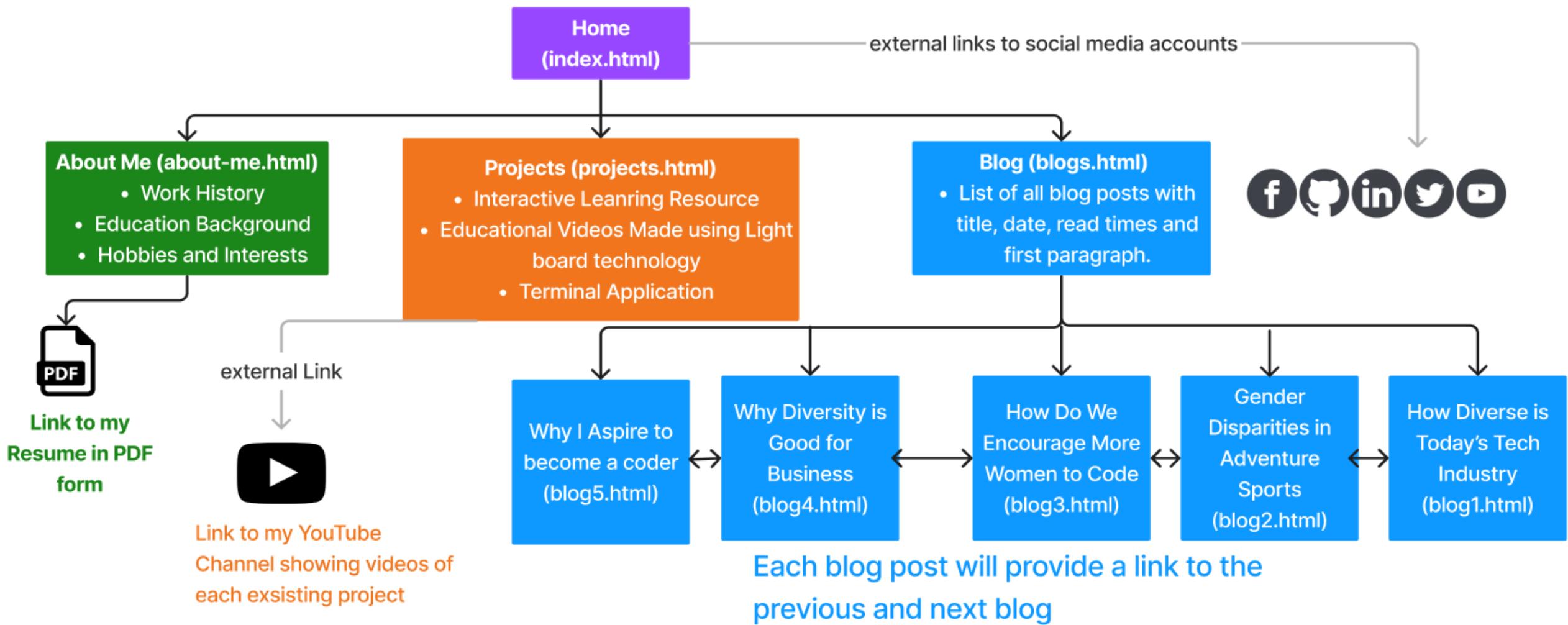
Contact Me  
dayleclarke07@gmail.com  
+61 405308617

f

© Dayle Clarke 2022

By Dayle Clarke  
28<sup>th</sup> August 2022

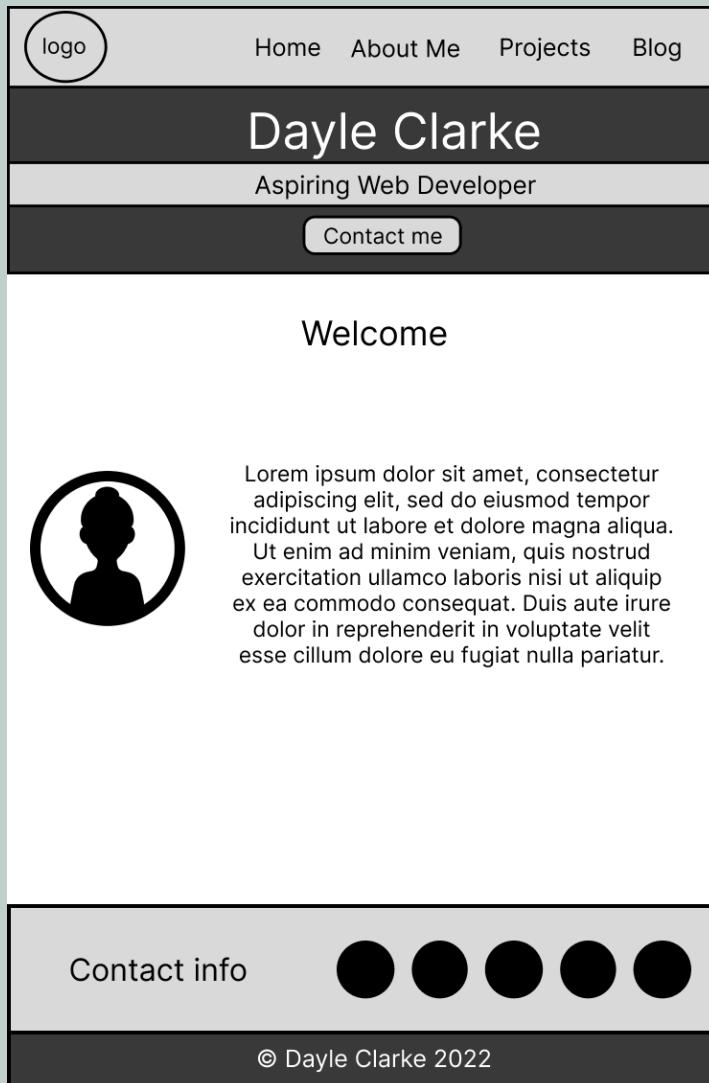
# SITE MAP



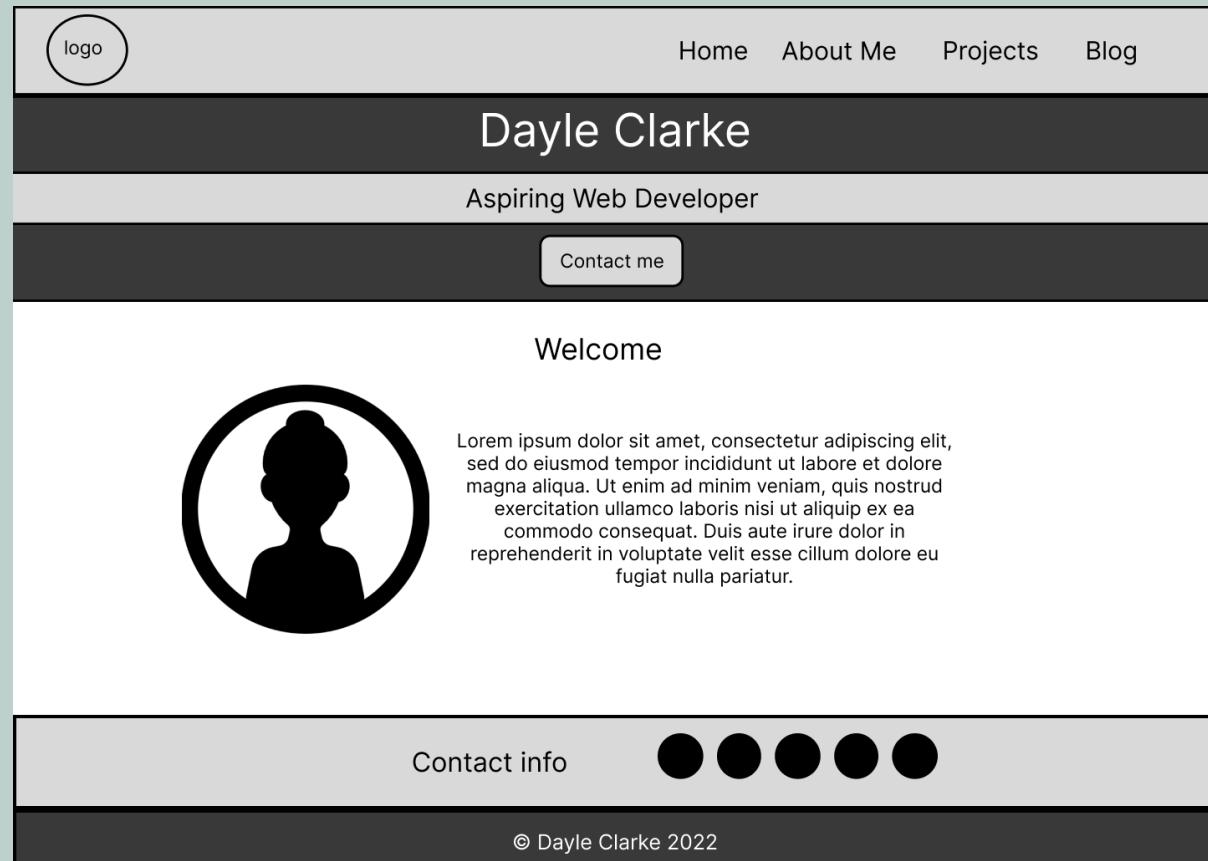
# INDEX PAGE WIREFRAMES



Mobile Design



Tablet Design



Desktop Design



**Mobile Design**

Logo

Home About Me Projects Blog

Dayle Clarke

Aspiring Web Developer

Contact me

About Me

Work History

Qui doloribus minima et sequi veritatis est doloribus ratione aut praesentium quas et quia odio. Aut totam consequatur est explicabo voluptates in exercitationem aspernatur non aspernatur alias ea doloribus.

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Image Caption

Link to resume

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Image Caption

Link to resume

Educational Background

Qualification 1

Qualification 2

Qualification 3

Hobbies and Interests

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© Dayle Clarke 2022

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© Dayle Clarke 2022

**Desktop Design**

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Image Caption

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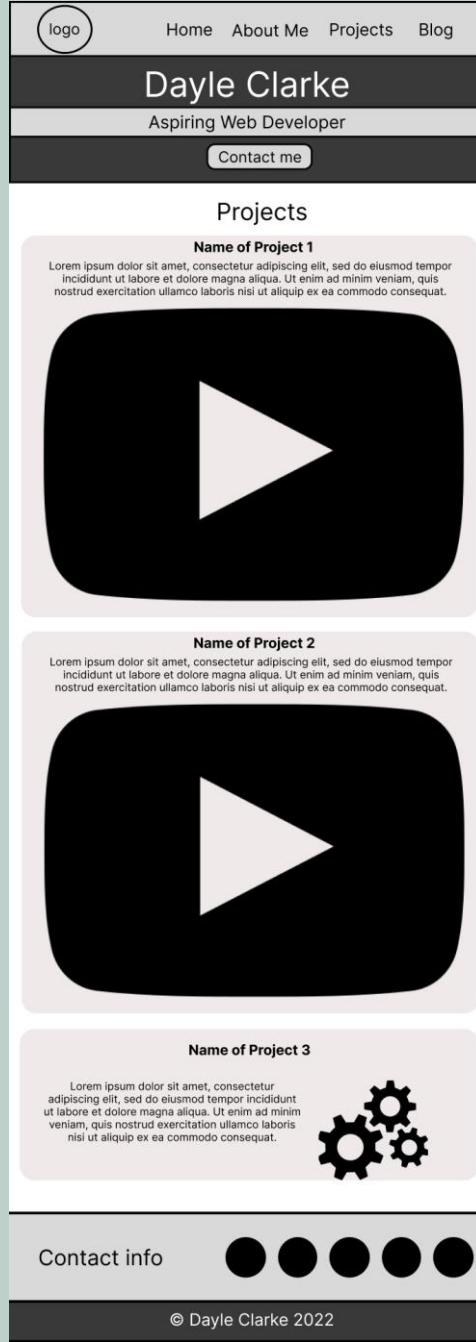
© Dayle Clarke 2022

# ABOUT ME WIREFRAMES

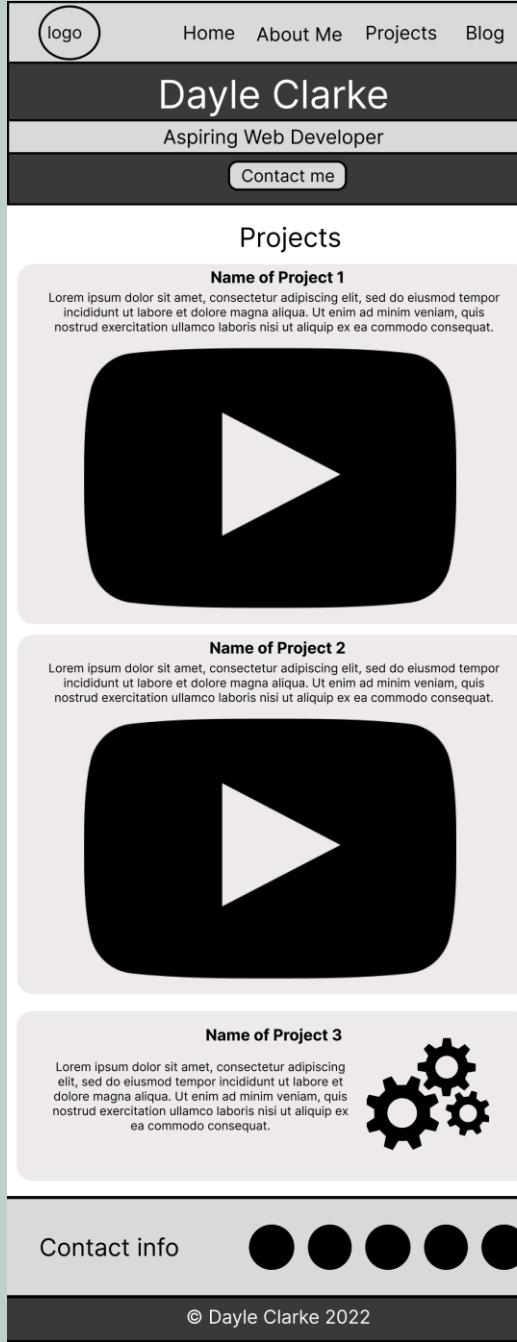




Mobile Design



Tablet Design



Desktop Design

# PROJECTS WIREFRAMES

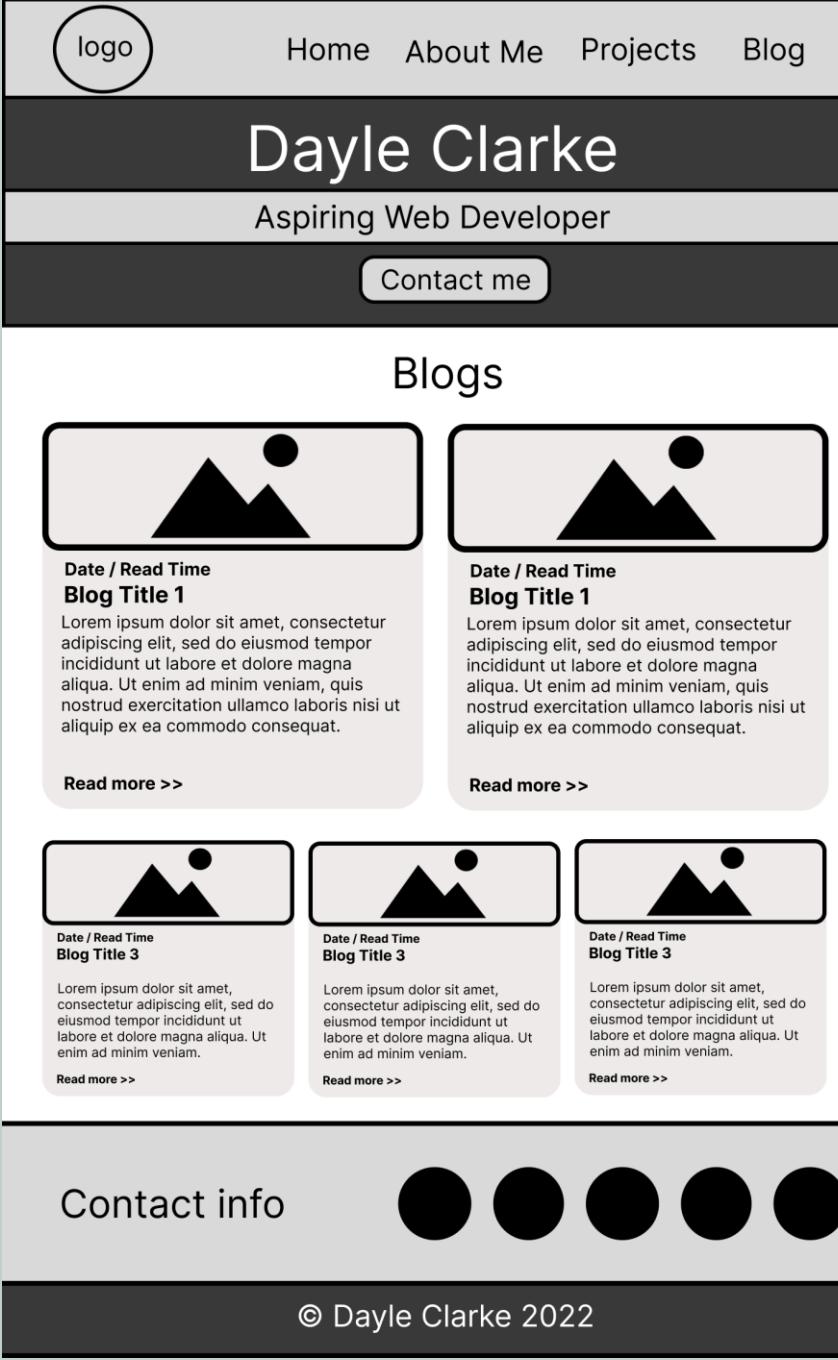




Mobile Design



Tablet Design



Desktop Design

# BLOGS WIREFRAMES





# Dayle Clarke

Aspiring Web Developer

Contact me

## Blog Title

BY DAYLE CLARKE

Date Posted | Read Time

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consequuntur ut quis repudiandae. ”**

– Author Name, date



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Title of Previous Post      Title of Next Post

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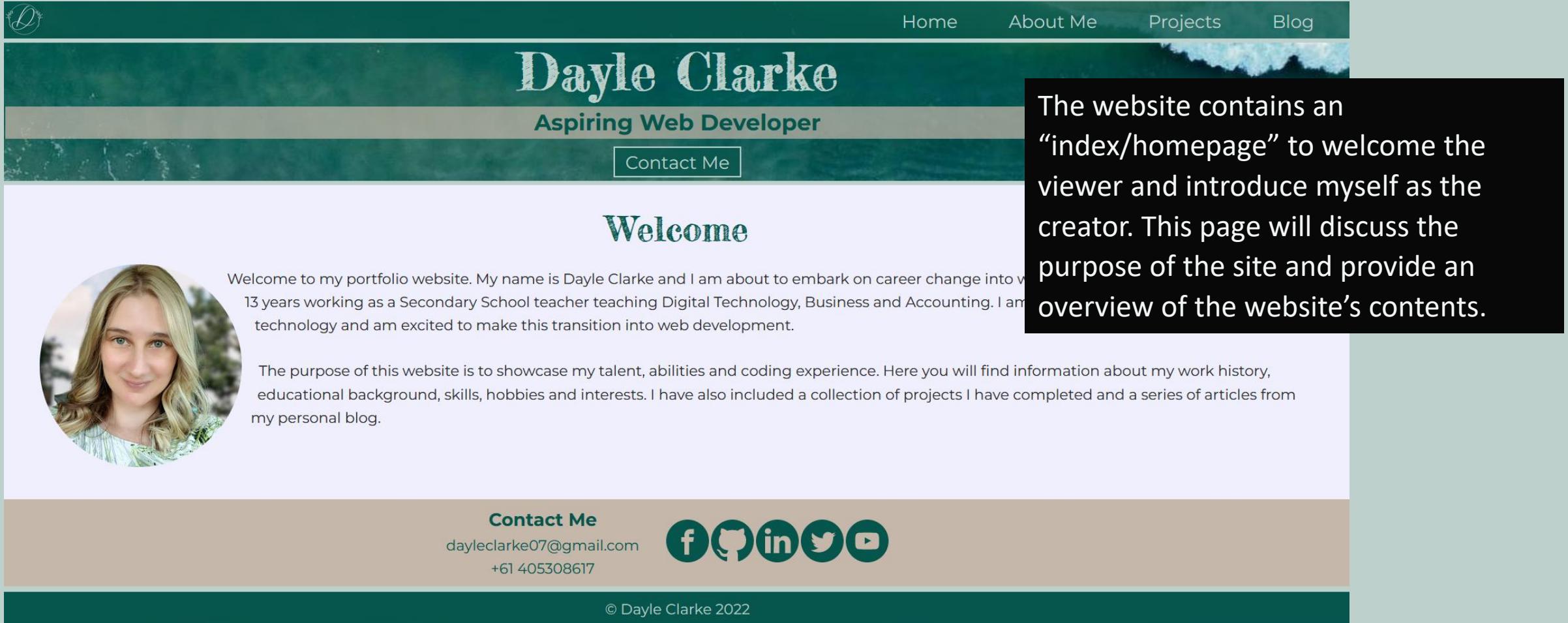


# BLOG POST LAYOUT



# INDEX PAGE

## Desktop View



The screenshot shows a professional-looking portfolio website. At the top left is a circular profile picture of a young woman with blonde hair. To its right, the name "Dayle Clarke" is displayed in a large, serif font, with "Aspiring Web Developer" in a smaller, bold sans-serif font below it. A "Contact Me" button is located just beneath the developer title. The top navigation bar includes links for "Home", "About Me", "Projects", and "Blog". The main content area features a large, bold "Welcome" heading. Below it, a paragraph introduces the creator: "Welcome to my portfolio website. My name is Dayle Clarke and I am about to embark on career change into web development. I have 13 years working as a Secondary School teacher teaching Digital Technology, Business and Accounting. I am currently studying a certificate in web development and am excited to make this transition into web development." Further down, another paragraph explains the purpose of the site: "The purpose of this website is to showcase my talent, abilities and coding experience. Here you will find information about my work history, educational background, skills, hobbies and interests. I have also included a collection of projects I have completed and a series of articles from my personal blog." At the bottom of the page, there is a "Contact Me" section with email and phone number, and social media icons for Facebook, GitHub, LinkedIn, Twitter, and YouTube.

The website contains an “index/homepage” to welcome the viewer and introduce myself as the creator. This page will discuss the purpose of the site and provide an overview of the website’s contents.





# Dayle Clarke

Aspiring Web Developer

Contact Me

## Welcome



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Contact Me

dayleclarke07@gmail.com

+61 405308617



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# ABOUT ME PAGE

## Desktop View

Home   About Me   Projects   Blog

### Dayle Clarke

Aspiring Web Developer

Contact Me

#### About Me

##### Work History

I have spent the last 13 years working as a Secondary School teacher teaching Digital Technology, Business and Accounting at an all-girl's school in Brisbane. During this time, I have loved teaching girls and young women how to use digital technology and inspired many to pursue careers in this industry. I plan on using a career in technology to continue to do this.

My favourite aspect of working as a teacher was designing digital learning resources including videos, interactive online quizzes, games and activities. I have created over 70 videos incorporating a range of techniques such as role plays, interviews, lectures, screencasts and lightboard technology. Examples of my educational videos can be found [here](#).



In 2018 I was asked to deliver a workshop to over 40 people on how to embed technology into the classroom at the [Business Educator's Association of Queensland conference](#). This workshop gave attendees the skillset to use Microsoft Excel and PowerPoint to design learning resources which provide students with immediate feedback on their work.

A key highlight from my career as a teacher has been taking students on overseas trips to India, Vietnam, Laos, Cambodia and Sri Lanka. With the support of another teacher and guide we lead groups of between 14 and 22 students on leadership expeditions. I helped these young women overcome homesickness, build resilience and encouraged them to develop social responsibility through rewarding community service projects.



Hanging out with my students in Sri Lanka

Supervising a cooking class in Vietnam

Assembling wheelchairs for landmine victims

#### Educational Background

**In Progress**

**DIPLOMA OF INFORMATION TECHNOLOGY**

- The Academy of Information Technology (Coder Academy)
- Full-Stack Web Development Bootcamp- Accelerated
- Expected Completion Date February 2023

**2022**

**CODEACADEMY ONLINE COURSES**

- CSS
- HTML
- Data Visualisation
- Python 3
- The Command Line

**2005-2009**

**BACHELOR OF EDUCATION (SECONDARY)-FIRST CLASS HONOURS**

- Queensland University of Technology
- Major: Accounting/Business Management and Physical Education
- Course GPA: 6.074
- Completed August 2009

A copy of my resume can be found [here](#).

#### Hobbies and Interests

In my free time I am an avid rock climber who climbs indoors or outdoors at least two times a week. I also enjoy canyoning, mountain biking and multi-day hiking. An ideal weekend for me would be time in nature, surrounded by loved ones while camping under the stars. I also enjoy a relaxing night in with a cup of tea and a good book.



Photos of me climbing

Contact Me  
dayleclarke07@gmail.com  
+61 405308617

f     

© Dayle Clarke 2022

There is an “about me” page that will provide an overview of my work history, educational background and hobbies and interests. This page utilises CSS Flexbox and CSS grid to display many photos. It also contains a photo slider I created using radio buttons which is ideal for all screen sizes. There is a link to a PDF version of my resume.



# ABOUT ME

The screenshot shows a dark-themed website. At the top, there is a navigation bar with links to Home, About Me, Projects, and Blog. Below the navigation is a header section featuring a photo of a beach, the name "Dayle Clarke" in a large serif font, and the subtitle "Aspiring Web Developer". A "Contact Me" button is located in the bottom right corner of this section. The main content area is titled "About Me" and contains a "Work History" section. This section includes a paragraph about her 13 years of teaching experience and a circular "Resume Link" button. At the bottom, there is another paragraph about her favorite aspect of teaching and a link to her educational videos.

Dayle Clarke  
Aspiring Web Developer

Contact Me

## About Me

### Work History

I have spent the last 13 years working as a Secondary School teacher teaching Digital Technology, Business and Accounting at an all-girl's school in Brisbane. During this time, I have loved teaching girls and young women how to use digital technology and inspired many to pursue careers in this industry. I plan on using a career in technology to continue to do this.

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## Tablet View

The screenshot shows the website content as it would appear on a tablet. It features a large circular image on the left showing a woman writing on a lightboard with mathematical equations like "THE ACCOUNTING EQUATION" and "A = L + OE". To the right of this image is a green circular callout containing the text "Videos made with lightboard technology". The main text area to the right describes a workshop she delivered in 2018. Below this, there is another paragraph about using Microsoft Excel and PowerPoint for learning resources. At the bottom, there is a concluding paragraph about her teaching career and international trips.

THE ACCOUNTING EQUATION

A = L + OE

L = A - OE

OE = A

Videos made with lightboard technology

In 2018 I was asked to deliver a workshop to over 40 people on how to embed technology into the classroom at the Business Educator's Association of Queensland conference. This workshop gave attendees the skillset to use Microsoft Excel and PowerPoint to design learning resources which provide students with immediate feedback on their work.

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Photos of me climbing

#### Contact Me

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# ABOUT ME

Dayle Clarke  
Aspiring Web Developer  
[Contact Me](#)

## About Me

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[Resume](#)  
Click here to download

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## Mobile View



Helping students budget in Sri Lanka



Assembling wheelchairs for land mine victims



Supervising a cooking class in Vietnam

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Photos of me climbing

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# PROJECTS PAGE

## Desktop View

Dayle Clarke  
Aspiring Web Developer  
Contact Me

### Projects

**An Interactive Learning Resource**

This is a video showcasing an interactive learning resource I created for Secondary School Accounting students. The resource is a PowerPoint presentation with embedded spreadsheets, videos and character voices. It is a fictional work experience scenario where students meet different employees of the firm. Each character will discuss their role in the organisation and give the user different tasks to complete. There are embedded Excel spreadsheets which use IF/THEN formulas to provide immediate feedback on responses.

**BRADFORD AND REID**

A screenshot of the interactive learning resource interface is shown, featuring a video player and a slide with text and a video thumbnail.

**Educational Videos Made Using Light board Technology**

I have made several educational videos using lightboard technology. This involves writing on an ultra-clear glass chalkboard which is lit up internally with LED strip lights. Filming occurs in an all-black room to make the writing, which is done in fluorescent markers, stand out. The video is then reversed using Camtasia so that the content is not backwards. This setup allows for a more immersive user experience as I can write as I am teaching whilst maintaining eye contact with the audience.

**The Basic Accounting Equation**

THE ACCOUNTING EQUATION

Revenue  
Expenses  
Assets  
Liability  
Owner's Equity

**Terminal Application- Under Construction**

I am currently working on designing, implementing and testing a terminal application utilising a range of programming concepts and structures using Python. This application will accept user input in the form of a file or text input and produce printed output or interact with the file system. Check back soon for more information.

Contact Me

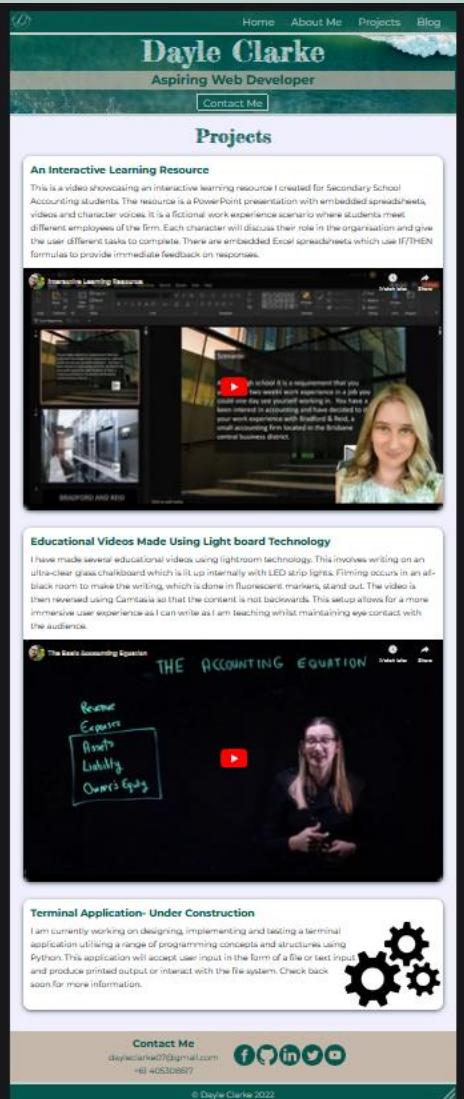
dayleclarke07@gmail.com +61 405308617

[f](#) [t](#) [in](#) [tw](#) [y](#)

© Dayle Clarke 2022

There is a “projects” page to showcase my previous work. This is a work in progress and will be updated as my skillset improves. Currently it contains two embedded YouTube videos of me explaining previous work that I have created. It also describes a terminal application which is the next project I will be working on in my studies.

# PROJECTS PAGE



This image shows a tablet displaying the 'Projects' section of the website. The header includes a logo, 'Home', 'About Me', 'Projects', and 'Blog'. Below the header, there's a banner for 'Dayle Clarke Aspiring Web Developer' with a 'Contact Me' button. The main content area features a section titled 'Projects' with a sub-section 'An Interactive Learning Resource'. It describes a video showcasing an interactive learning resource for Secondary School Accounting students, featuring a PowerPoint presentation with embedded spreadsheets, videos, and character voices. A screenshot of the presentation slide is shown, featuring a woman speaking and a chalkboard with the accounting equation: Assets = Liabilities + Owner's Equity. Other sections visible include 'Educational Videos Made Using Light board Technology' and 'Terminal Application- Under Construction'. Contact information at the bottom includes an email address (dayleclarke07@gmail.com) and phone number (+61 405308617), along with social media links for Facebook, LinkedIn, Twitter, and YouTube.

## Tablet View

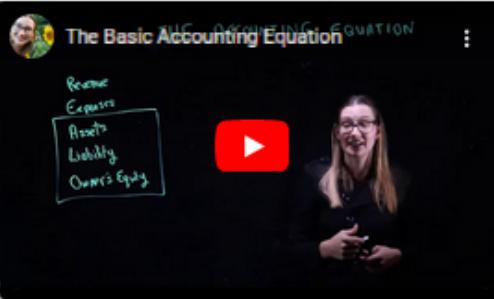


This image shows a mobile device displaying the 'Projects' section of the website. The header is identical to the tablet view. The main content area features the 'An Interactive Learning Resource' section, which includes a detailed description and a screenshot of the interactive learning resource. Below this, there's another screenshot showing a video player with a woman speaking and a chalkboard with the accounting equation. The footer contains a 'Contact Me' button and the copyright notice '© Dayle Clarke 2022'.

## Mobile View

### Educational Videos Made Using Light board Technology

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# BLOG PAGE

## Desktop

There will also be a main blog page containing a link to five different blog posts that I have created. This page will include the title, date, read time, image and the first few sentences of each blog post.

Home About Me Projects Blog

# Dayle Clarke

Aspiring Web Developer

Contact Me

## Blogs



August 12, 2022 | 4 minute read  
**Why I Aspire to Become a Coder**

The key reason I aspire to become a coder is that I love to code. The first time I discovered this passion was at 16 when I borrowed my brother's textbook on Programming in Delphi. I spent the entire holidays teaching myself how to code small programs for fun, including a tic-tac-toe, Magic-8 ball and encrypted message sending game. I immediately regretted not choosing technology-based subjects in school. [...]

[Read More >>](#)



August 6, 2022 | 3 minute read  
**Why Diversity is Good for Business**

A diverse workplace provides a powerful competitive advantage in today's globalised and interconnected world. Bringing together people with different skills, experiences, characteristics, cultures, and perspectives leads to more innovative and creative thinking. [...]

[Read More >>](#)



July 12, 2022 | 3 minute read  
**How Do We Encourage More Women to Code?**

One of the best ways of getting more women and other minority groups into tech is to encourage them at a young age to develop a love of technology [Singh, 2021]. I have devoted much of my career to teaching young women how to use technology and encouraging them to pursue careers in tech. [...]

[Read More >>](#)



May 1, 2022 | less than 2 minute read  
**Gender Disparities in Adventure Sports**

Unfortunately, adventure sports, like the tech industry is dominated predominately by men. My local paragliding club for example has only 9 females out of 240 men. A similar trend can be seen in the more adventurous high-risk styles of climbing. [...]

[Read More >>](#)



April 20, 2022 | less than 2 minute read  
**How Diverse is Today's Tech Industry?**

A global software developer survey in 2021, revealed that only 5% of developers worldwide were female. In Australia, according to the Australian Computer Society, women make up just 29 per cent of the technology workforce. [...]

[Read More >>](#)

Contact Me

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f    

© Dayle Clarke 2022

# BLOG PAGE

## Tablet View

The screenshot shows a blog page with a dark green header featuring a stylized 'D' logo, 'Home', 'About Me', 'Projects', and 'Blog'. The main title 'Dayle Clarke' is prominently displayed in white, with the subtitle 'Aspiring Web Developer' below it. A 'Contact Me' button is visible. The main content area is titled 'Blogs' and displays several posts:

- Why I Aspire to Become a Coder** (August 12, 2022) - An image of a person working on a laptop with a cat resting on their keyboard. The post discusses the author's passion for coding from a young age.
- Why Diversity is Good for Business** (August 6, 2022) - An image of a diverse group of people in a high-five. The post argues that diversity leads to innovation.
- How Do We Encourage More Women to Code?** (July 12, 2022) - An image of hands holding a whiteboard with colorful blocks. The post discusses ways to encourage young women into tech.
- Gender Disparities in Adventure Sports** (May 1, 2022) - An image of a waterfall. The post explores gender differences in participation in outdoor sports.
- How Diverse is Today's Tech Industry?** (April 20, 2022) - An image of a group of people in a huddle. The post looks at the lack of diversity in the technology sector.

Each post includes a 'Read More >>' link. The footer contains a 'Contact Me' section with email and phone information, and social media icons for Facebook, LinkedIn, Twitter, and YouTube.

The screenshot shows the same blog page layout but with a different set of posts:

- Gender Disparities in Adventure Sports** (May 1, 2022) - An image of a waterfall.
- How Diverse is Today's Tech Industry?** (April 20, 2022) - An image of a group of people in a huddle.

The footer includes a 'Contact Me' section with email and phone information, and social media icons for Facebook, LinkedIn, Twitter, and YouTube. A copyright notice at the bottom right reads '© Dayle Clarke 2022'.

# BLOG PAGE

## Mobile View

Dayle Clarke  
Aspiring Web Developer

Contact Me

## Blogs

August 12, 2022 | 4 minute read  
**Why I Aspire to Become a Coder**

The key reason I aspire to become a coder is that I love to code. The first time I discovered this passion was at 16 when I borrowed my brother's textbook on Programming in Delphi. I spent the entire holidays teaching myself how to code small programs for fun. [...]

[Read More >>](#)

August 6, 2022 | 3 minute read  
**Why Diversity is Good for Business**

A diverse workplace provides a powerful competitive advantage in today's globalised and interconnected world. Bringing together people with different skills, experiences, characteristics, cultures, and perspectives leads to more innovative and creative thinking. [...]

[Read More >>](#)

July 12, 2022 | 3 minute read  
**How Do We Encourage More Women to Code?**

One of the best ways of getting more women and other minority groups into tech is to encourage them at a young age to develop a love of technology (Singh, 2021). I have devoted much of my career to teaching young women how to use technology and encouraging them to pursue careers in tech. [...]

[Read More >>](#)

May 1, 2022 | less than 2 minute read  
**Gender Disparities in Adventure Sports**

Unfortunately, adventure sports, like the tech industry is dominated predominately by men. My local paragliding club for example has only 9 females out of 240 men. A similar trend can be seen in the more adventurous high-risk styles of climbing, [...]

[Read More >>](#)

Contact Me

dayleclarke07@gmail.com  
+61 405308617

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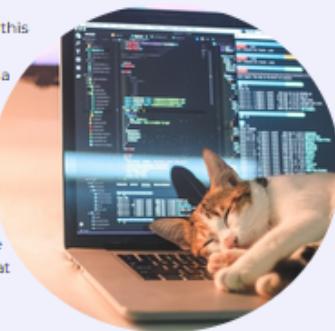
## Why I Aspire to Become a Coder

BY DAYLE CLARKE

Posted August 12, 2022 | 4 minute read

The key reason I aspire to become a coder is that I love to code. The first time I discovered this passion was at 16 when I borrowed my brother's textbook on Programming in Delphi. I spent the entire holidays teaching myself how to code small programs for fun, including a tic-tac toe, Magic-8 ball and encrypted message sending game. I immediately regretted not choosing technology-based subjects in school.

Coding puts me in the flow state as it can provide the perfect balance of skill and challenge. I become completely absorbed and deeply focused on solving the problem at hand, beyond the point of distraction. I feel like I am "in the zone" and that time has slowed down. Programming also feels a little bit like magic on computers. You can make elements appear, disappear, or move to give them life. I get an exciting sense of awe and wonder when I can get a computer to do what I want it to. I love the immediate feedback it provides.



*"Coding feels a little bit like magic on computers. You can make elements appear, disappear, or move to give them life."*

My favourite aspect of working as a secondary school teacher was designing learning resources using technology. For example, I used If-Then formulas in Excel to provide students with immediate feedback on their work and created educational games in PowerPoint. I love creating things particularly when what I create can make the lives of others more exciting, entertaining, easy or productive.



Another reason I want to become a coder is that I love problem solving and expressing my creativity. I enjoy brainstorming ways of getting software to perform a specific task or looking through code to see why it isn't working. As a teacher I get immense satisfaction out of helping my students fix a problem or bug they have in their work and have a knack for finding where they have made errors. I have meticulous attention to detail and love organising the world around me. I enjoy keeping track of the semicolons, brackets, spacing, indentations and other small formatting details that affect the code's execution.

The other appealing aspect of software development is that it is so varied and constantly evolving. I am a naturally curious person who values learning new things. It is important for me to be growing and constantly building on and improving my skillset.

Photo by [Billy Huynh](#) on [Unsplash](#)

Previous Post:



Why Diversity is Good for Business



[Return to the Main Blog Menu](#)

Contact Me

dayleclarke07@gmail.com  
+61 40530867



# BLOG POST 5 (NEWEST)

## Desktop

Linking from the main blog page there are then five separate blog posts each on their own page. Each blog post contains an image with text wrapping around it and a pull quote to attract attention. A drop cap has been used on each post to draw the eye of the viewer to the start of the article. There is also a navigation bar at the bottom which allows the user to return to the previous blog or read the next one.

# BLOG POST 5 (NEWEST)

## Tablet View

The screenshot shows a blog post on a website. At the top, there's a navigation bar with links for Home, About Me, Projects, and Blog. Below that is a header section with a profile icon, the name 'Dayle Clarke', the title 'Aspiring Web Developer', and a 'Contact Me' button. The main content starts with the title 'Why I Aspire to Become a Coder' in bold, followed by 'BY DAYLE CLARKE'. A timestamp 'Posted August 12, 2022 | 4 minute read' is below the author's name. The first paragraph discusses the author's passion for coding from a young age, mentioning Delphi and various small programs. It then transitions to a quote at the bottom of the page.

**Why I Aspire to Become a Coder**

BY DAYLE CLARKE

Posted August 12, 2022 | 4 minute read

The key reason I aspire to become a coder is that I love to code. The first time I discovered this passion was at 16 when I borrowed my brother's textbook on Programming in Delphi. I spent the entire holidays teaching myself how to code small programs for fun, including a tic-tac toe, Magic-8 ball and encrypted message sending game. I immediately regretted not choosing technology-based subjects in school.

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Photo by [Billy Huynh](#) on Unsplash

### Previous Post:

< Why Diversity Is Good for Business

Return to the Main Blog Menu >

### Contact Me

dayleclarke07@gmail.com  
+61 405308617



# BLOG POST (NEWEST)

## Mobile View

The screenshot shows a mobile view of a blog post. At the top, there's a header with a logo, 'Home', 'About Me', 'Projects', and 'Blog'. Below the header, the author's name 'Dayle Clarke' and title 'Aspiring Web Developer' are displayed, along with a 'Contact Me' button. The main title of the post is 'Why I Aspire to Become a Coder', followed by the author's name 'BY DAYLE CLARKE'. The post was 'Posted August 12, 2022 | 4 minute read'. The first paragraph discusses the author's passion for coding, mentioning they borrowed a Delphi textbook at 16 and created small programs like tic-tac-toe and encrypted message senders. The second paragraph describes how coding puts the author into a flow state, providing a perfect balance of skill and challenge. A circular profile picture of the author is visible on the right.

“ Coding feels a little bit like magic on computers. You can make elements appear, disappear, or move to give them life. ”

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Photo by [Billy Huynh](#) on [Unsplash](#)

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Contact Me

[dayleclarke07@gmail.com](mailto:dayleclarke07@gmail.com)

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# FEATURES



- This website is made using **HTML** and **CSS** utilising both **Flexbox** and **Grid**. Each page within the site has the following features:
- Full utilisation HTML5 **semantic** elements to add meaning and cater for accessibility.
- A fully functioning **animated navigation bar** at the top to easily navigate to different pages throughout the site.
- A **hero element** displaying the website name and a call to action (to contact me which provides an anchor link to my contact details at the bottom of the page).
- A footer with my **contact details** and links to my social media and other professional accounts.
- **Hover animations** to indicate **links throughout the site** to increase functionality.



# FEATURE TO IMPROVE RESPONSIVENESS

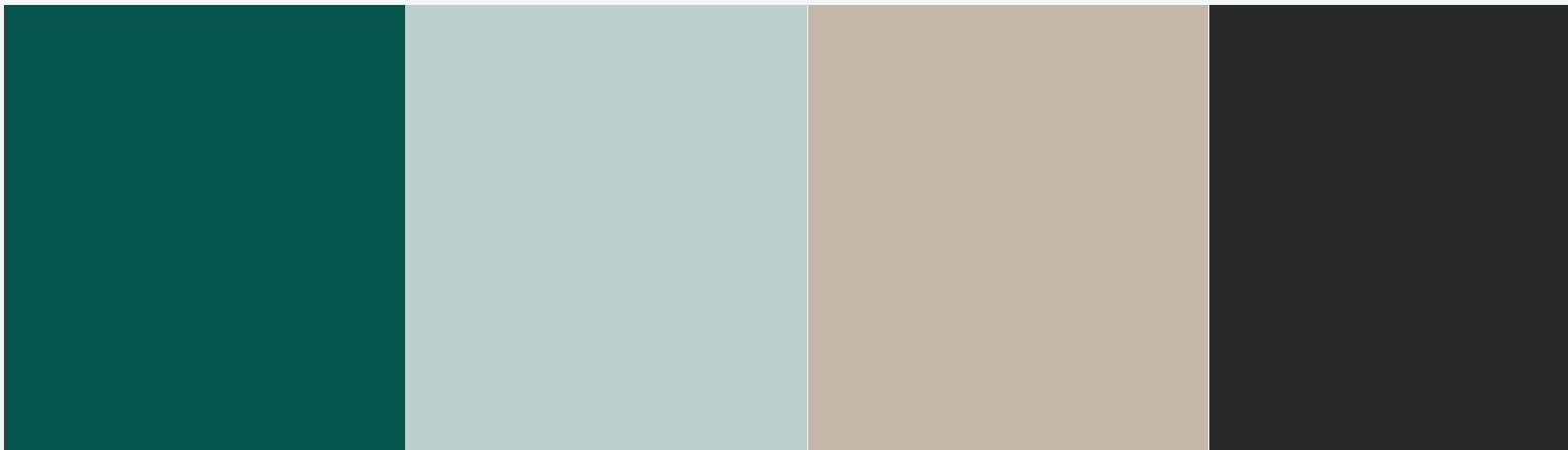
- This is a fully responsive layout that will display all components at desktop, mobile, and tablet viewport widths. This was achieved through:
  - Adopting a **mobile first approach** with **media queries** written for screens larger than 400px, 650px and 1000px. These sizes were chosen based on **where break points** were in the website content. This was found through **testing** using the **inspect/developer** tools in Chrome to ensure content wasn't distorted, cut out, or obscured on screens sizes 320px to 3000px. I also utilised media queries on flex box and grid containers to increase the number of columns content was presented in at larger screen sizes to make use of the extra screen width.
  - **Relative units of measure** (including REM, EM VW and VH) when setting the size of content on the page.
  - **Minimum and maximum sizes** (and the **clamp** tool) were utilised to set ideal sizes at different screen widths.

```
@media screen and (min-width: 650px) {  
  main {  
    padding: 1rem 2rem;  
  }  
  
  .header {  
    background: url(images/hero-desktop2.jpg) no-repeat;  
    background-position: bottom;  
    background-size: cover;  
  }  
}
```



# DESIGN CHOICES- COLOURS AND IMAGES

- The **hero image** used throughout this website was selected because it was visually appealing spread out across the full width of the page even when cropped to fit different heights. The image has a calming effect and also represented my love of nature and the ocean.
- The **colour scheme** was then selected based on the colours within this hero image using the eye dropper tool. This allowed me to have a consistent colour scheme to tie the site together.



Colour Scheme



# TYPOGRAPHY

# Dayle Clarke

Welcome

I used the font family of 'Fredericka the Great' for my 

# and headings. I chose this font because it was unique and stood out on the page. It also looks like chalk on a chalk board which I thought suited my background in teaching.

```
h1 {  
    font-family: 'Fredericka the Great', cursive;  
    font-size: clamp(3rem, 6.5vw + 0.44rem, 6rem);  
    margin: 0.1em 0.1em;  
    color: var(--secondary-color);  
}
```

I used the font family of **Montserrat** consistently for all other font on the site. This was because it was easy to read, professional and didn't clutter the page

# CHALLENGES

- The main challenge for me in the creation of this site was **time management**. I struggled to finish the website on time despite working unsustainable hours (16 hours each a day).
- In the future I will need to prioritise the most important work that needs to be completed. I regretted spending time compiling blog entries and filming a previous project I created for the projects page. In reflection I should have just used placeholder text and devoted time to more important tasks. I will more carefully read through the task specifications and prioritise tasks in the future.
- I enjoyed the problem solving aspects of fixings the issues that arose throughout this project. I found YouTube videos and MDN webdocs a vital resource and am very grateful for the Coder Academy educators.

