



Informatics Institute of Technology  
In collaboration with

**University of Westminster**

Advanced Client-Side Development  
5COSC026C

**Assessment  
Portfolio with in-class test**

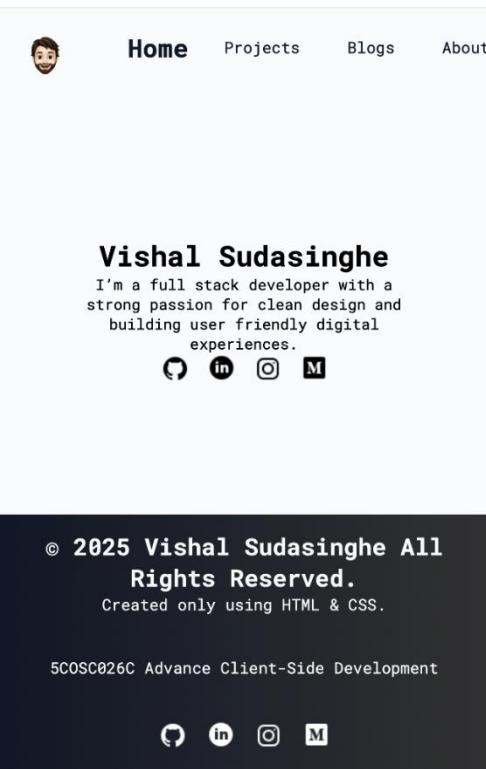
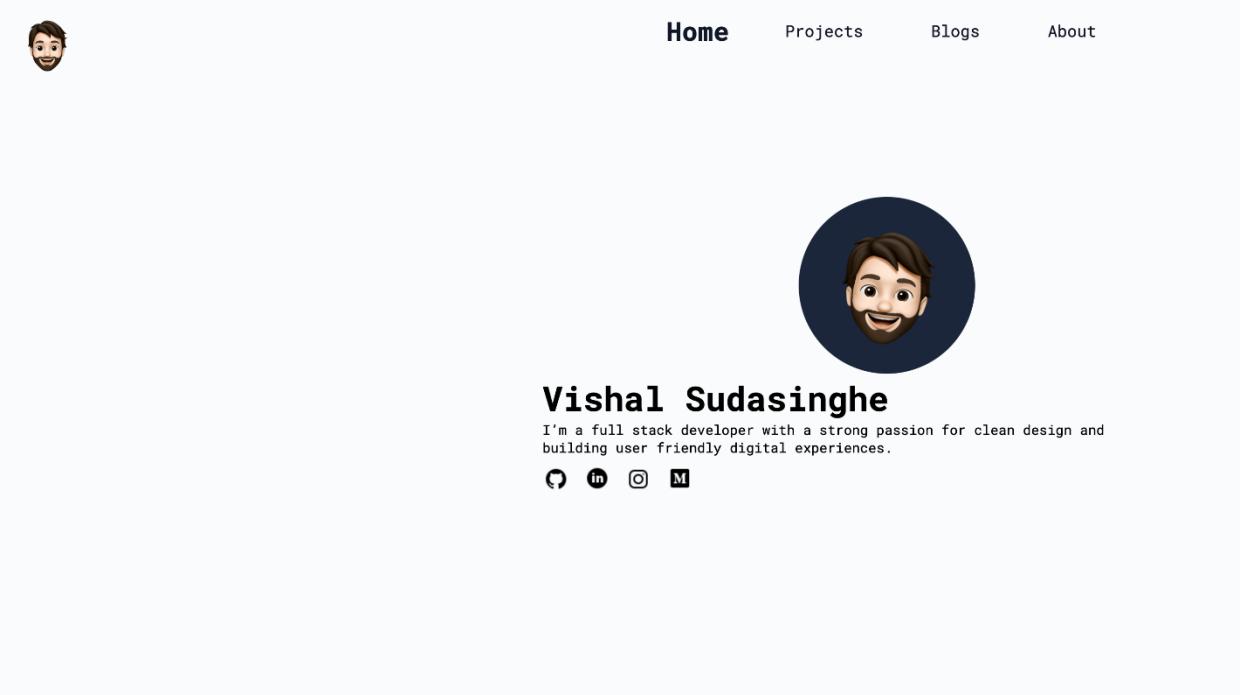
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TUT GRP 01

## **Table of Contents**

<b>1.</b>	<b>Final Website Screenshots .....</b>	<b>3</b>
1.	Home Page.....	3
2.	Projects Page .....	4
3.	Blogs Page .....	5
4.	About Page.....	6
<b>2.</b>	<b>Portfolio Code.....</b>	<b>7</b>
1.	Index.html.....	7
2.	Projects.html .....	7
3.	Blogs.html .....	7
4.	About.html.....	7
5.	Styles.css .....	7
<b>3.</b>	<b>Diary .....</b>	<b>8</b>
<b>4.</b>	<b>CSS Implementation .....</b>	<b>16</b>
<b>5.</b>	<b>Code Validation.....</b>	<b>21</b>
<b>6.</b>	<b>Version history .....</b>	<b>23</b>
<b>7.</b>	<b>References .....</b>	<b>28</b>

## 1. Final Website Screenshots

### 1. Home Page



## 2. Projects Page

The screenshot shows a website header with a small profile picture of a person with brown hair. To the right of the picture are the navigation links: Home, Projects (which is bolded), Blogs, and About. Below the header, the word "Projects" is written vertically in a large, bold, black font. To the right of this text is a large, dark blue rectangular area containing the "VishFolio" logo in white and yellow text.

# Projects

VishFolio  
PERSONAL PORTFOLIO

The screenshot shows the "Projects" section of the website. At the top, there is a header with a profile picture and navigation links: Home, Projects (bolded), Blogs, and About. Below the header, the word "Projects" is displayed in a large, bold, black font. There are two project cards listed:

- VishFolio**  
This is the latest project that I finished working. Inspired by ios and build using react and some libraries including framer-motion.  
Aug 03, 2025
- Traffic Histogram**  
This is the first course work of the Software development module which given by the UOW. Build using Python and

### 3. Blogs Page

The screenshot shows a website layout. At the top, there is a navigation bar with links for Home, Projects, Blogs (which is bolded), and About. To the left of the main content area, there is a large, vertically oriented title "Blogs". On the right, there is a green rectangular box containing an article. The article has a title "Will AI Replace Software Engineers?", a short summary text, and a "Read more →" button.

# Blogs

**Will AI Replace Software Engineers?**

Scroll through social media long enough and you'll hear the same line on repeat "AI is going to replace software engineers." Most of the time, these claims don't even come from people in the industry. They're just repeating what they've heard from others. But here's the truth those of us who actually use AI tools while building projects see a very different picture.

[Read more →](#)

The screenshot shows a website layout. At the top, there is a navigation bar with links for Home, Projects, Blogs (which is bolded), and About. To the left of the main content area, there is a large, vertically oriented title "Blogs". On the right, there is a green rectangular box containing an article. The article has a title "Will AI Replace Software Engineers?", a short summary text, and a "Read more →" button.

# Blogs

**Will AI Replace Software Engineers?**

Scroll through social media long enough and you'll hear the same line on repeat "AI is going to replace software engineers." Most of the time, these claims don't even come from people in the industry. They're just repeating what they've heard from others. But here's the truth those of us who actually use AI tools while building projects see a very different picture.

[Read more →](#)

**How it started vs. how it's going**

I was never the typical "tech guy." If I counted all the computer games I've played, I'd barely fill one hand. My interests always leaned toward math, physics, and figuring out how things work. I wasn't brilliant at any of these subjects, but they genuinely excited me. There's something addictive about understanding why complex systems tick the way they do. Life took me down various paths, and eventually I circled back to computer science after more than ten years away from it. What caught me off guard was how natural it felt to return. The same curiosity that used to drive me through math problems and physics concepts now lights up when I'm working through algorithms or understanding how systems

## 4. About Page

The screenshot shows a website with a navigation bar at the top featuring a user icon, 'Home', 'Projects', 'Blogs', and 'About'. The main title 'About me' is displayed prominently in large, bold, black font. Below the title is a bio paragraph. A large, semi-transparent watermark reading 'about me' vertically is overlaid on the left side of the content area.

Hi, I'm Vishal Sudasinghe, a Computer Science student at the University of Westminster with a growing passion for building clean, interactive, and user friendly web applications. I'm still new to this industry, and that curiosity pushes me every day. I love exploring new technologies, frameworks, design patterns, and anything that lets me turn a simple idea into a real product. I get tired of boring UIs so I challenge myself to make every project engaging, creative, and meaningful. For me, coding isn't just about writing functions or completing assignments. It's about crafting digital experiences that feel alive. When someone interacts with something I built and enjoys it, that's the moment I feel like all the effort was worth it. Of course, I'm still learning. Some theoretical concepts will come and go, get stuck, frustrate me...

But the excitement of creating something visually appealing and functional that feels always stays. It reminds me why I started this journey. I believe technology should be simple, aesthetic, and human-centric. I want to build products that people love using not because they have to, but because they want to. This is just the beginning for me. Every project is a new opportunity. Every bug is a new lesson. And every line of code brings me closer to the developer I want to become. I'm growing with purpose and I'm excited to see how far I can take this. I'm not afraid to experiment, break things, and rebuild them better. Creativity excites me. Challenges shape me. And every small win reminds me that progress is happening even when I don't notice it. One day, I want to look back at this exact moment and say, "That spark... that hunger to create, that's what built my career." So here I am learning, building, and dreaming big. Not perfect. Not experienced. Just passionate and moving forward with purpose.

The screenshot shows a website with a navigation bar at the top featuring a user icon, 'Home', 'Projects', 'Blogs', and 'About'. The main title 'About me' is displayed prominently in large, bold, black font. Below the title is a bio paragraph. To the right, there is a sidebar with a heading 'Stay Updated' and a form for subscribing with fields for name, email, and message, along with a checkbox for agreeing to receive emails from Vishal Sudasinghe. At the bottom, there is a footer with copyright information and social media links.

Hi, I'm Vishal Sudasinghe, a Computer Science student at the University of Westminster with a growing passion for building clean, interactive, and user friendly web applications. I'm still new to this industry, and that curiosity pushes me every day. I love exploring new technologies, frameworks, design patterns, and anything that lets me turn a simple idea into a real product. I get tired of boring UIs so I challenge myself to make every project engaging, creative, and meaningful. For me, coding isn't just about writing functions or completing assignments. It's about crafting digital experiences that feel alive. When someone interacts with something I built and enjoys it, that's the moment I feel like all the effort was worth it. Of course, I'm still learning. Some theoretical concepts will come and go, get stuck, frustrate me...

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-----

**Stay Updated**

Subscribe to get the latest updates and new feeds directly to your inbox. Don't forget to add your thoughts...

**Name:**

Enter your name...

**Email:**

Enter your email...

**Message:**

We need your thoughts ...

I agree to receive emails from Vishal Sudasinghe

I'm a fan of Billie Eilish

I have a Dog.

**Subscribe**

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Created only using HTML & CSS.

5COSC026C Advance Client-Side Development

## **2. Portfolio Code**

1. Index.html
2. Projects.html
3. Blogs.html
4. About.html
5. Styles.css

### 3. Diary

**26/ 09/ 2025 - 10:01 am**

Designing is something that I am truly passionate of, so started this project with a lot of energy. For the past six months, I have been doing on several full design projects most of which were based on my client's opinions. This time however I wanted to try something different, using only a minimal color pallet. In this design , I chose just black and white to create the notebook like feeling.

When I begin working on a design I can go the entire day without even looking at the clock,completely immersed until I come up with something atleast close to the idea I have in my mind.After two hours of focused work, this is the desigh I created. (I know that this will change atleast 5 times when I'm coming up with the last design.)



Home

About

Projects



**Vishal Sudasinghe**

I'm a full stack developer with a strong passion for clean design and building user friendly digital experiences.

**Drop me a message**

Got an idea, feedback, or just want to connect? Type your message below it'll go straight to my inbox.

Connect with me ...

**27/ 09/ 2025 - 9:20 am**

Today I began working on the coding aspect of the project. The main challenge I encountered was adapting back to standard CSS, as I've primarily using Tailwind CSS for a long time. This transition initially caused some confusion, particularly when I mistakenly expected classes like bg-gray-100 to work in plain CSS.

For the design, my objective was to create a clean yet dynamic interface, to achieve this,

- I incorporated an emoji that changes its angle on hover, adding an interactive element.
- The typography was styled using Roboto Mono and Alfa Slab One.
- The navigation bar was positioned using flex-end property.
- Social media icons were arranged through combination of margins and flex layout.  
The emoji was placed using absolute positioning.
- To maintain the sharp and minimal look, I intentionally avoided using border-radius.

**29/ 09/ 2025 - 7:30 am**

After reviewing the coursework specification, I realized that the previously designed project page need some modifications to align the design more closely with standard practices, I restructured the page to resemble a typical events page.

Key improvements included :

- Replacing generic `<div>` elements with semantic HTML elements such as `<article>`, `<section>`, `<mark>` and `<date>` for better readability and accessibility.

Using `<figure>` and `<figcaption>` to store and describe project images, ensuring that both content and structure adhere to semantic conventions.

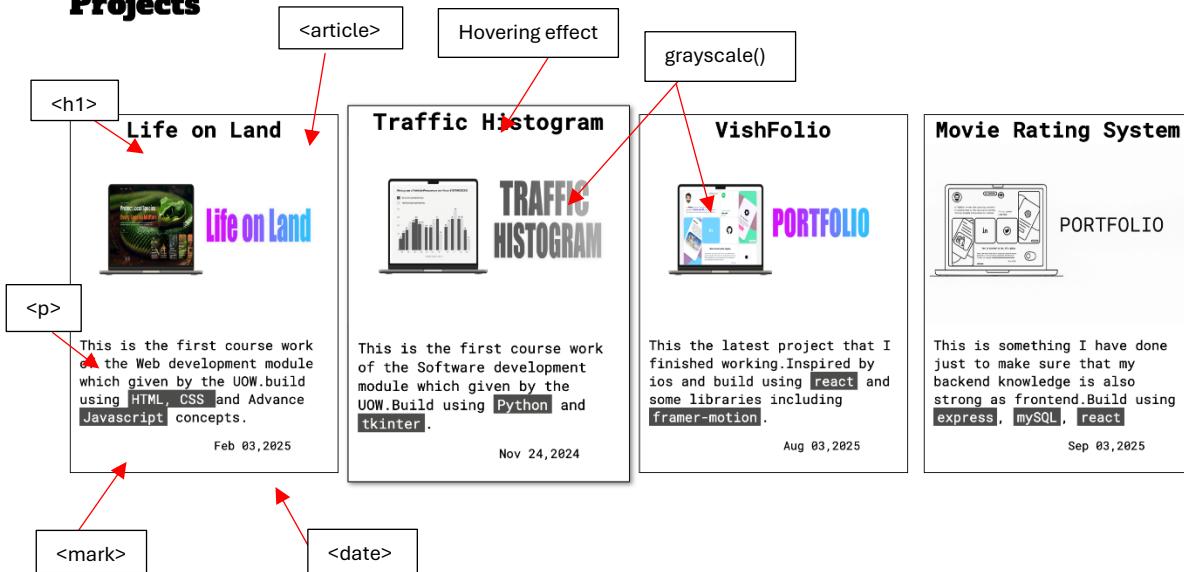
At first I was quite confused about why we are encouraged to use semantic elements like `<section>` and `<article>` when `<div>` appears to serve the same purpose visually. After spending some time exploring this with ChatGPT, I realized that although these elements behave similarly in terms of layout, real importance lies beyond the appearance.

Semantic elements provide meaningful structure to the document, making it easier for browsers, screen readers, and search engines to interpret the content accurately. This is not only improves accessibility and SEO but also enhance the maintainability of the code by clearly defining the purpose of each section.

In conclusion, the use of semantic elements adds significant value by improving both the usability and the overall quality of a webpage.



## Projects



30/ 09/ 2025 - 9:30 am

Today I started working on the footer design. Since the website only consist of three pages, there was no need to include a full site map as typically seen in larger websites. Instead, I designed a simpler yet visually appealing footer.

To enhance the appearance, I avoided using a solid black background and instead applied a black-to-gray gradient, which creates a smoother and modern visual effect.

**04/ 10/ 2025 - 3:00 am**

After reviewing several professional level websites, I realized that my portfolio needed some significant improvements. The first major change I made was selecting a dark yet visually appealing color theme to give the entire website a more modern and polished look. Additionally, I enhanced the About page adding a form.

```
--charcoal: #111827ff;  
--steel: #1f2937ff;  
--slate: #374151ff;  
--cool-gray: #9ca3afff;  
--off-white: #f9fafbff;  
--oxford-blue: #1b263bff;  
--purl-orange: #f1856f;  
--matte-green: #afd2a2;
```



**05/ 10/ 2025 - 2:30 am**

After drawing inspiration from the website reviewed on the previous day, I refined several aspects of the design. Additionally, I implemented fully mobile responsiveness across the Home, Project, and About pages to ensure optimal performance and accessibility on various screen sizes.

## Home Page

The screenshot displays the home page of a portfolio website. At the top, there's a dark header with a navigation bar containing 'Home', 'Projects', 'Blogs', and 'About' links. Below the header is a large hero section. It features a circular profile picture of a man with a beard. Below the picture, the name 'Vishal Sudasinghe' is displayed in bold black text. Underneath the name is a short bio: 'I'm a full stack developer with a strong passion for clean design and building user friendly digital experiences.' At the very bottom of the page is a dark footer. The footer contains the text '© 2025 Vishal Sudasinghe All Rights Reserved.', 'Created only using HTML &amp; CSS', and 'SCODERINC Advance Client-Side Development'. Below this text are icons for GitHub, LinkedIn, Instagram, and Medium.

## About Page

The screenshot shows a web browser window with the URL 127.0.0.1. The page has a dark header with a user icon and navigation links for Home, Projects, Blogs, and About. The main content area features a bio section with a small profile picture, followed by a 'Stay Updated' newsletter sign-up form. The form includes fields for Name and Email, and a 'Subscribe' button. At the bottom right, there is a copyright notice for 2025 and a note that the site was created using only HTML & CSS.

**About me**

Hi, I'm Vishal Sudasinghe, a Computer Science Student at University of Westminster with a passion for building clean, interactive, and user-friendly web applications. I'm still new to this industry, and that curiosity drives me to constantly explore new technologies, frameworks and design trends. I get tired of boring UIs - so I challenge myself to make every project *engaging, creative, and meaningful*. For me coding isn't just about functionality, it's about crafting experiences that feel alive and enjoyable to use. Some theoretical stuff will be stuck, but the feel will remain.

**Stay Updated**

Subscribe to get the latest updates and news feeds directly to your inbox.

Name:

Email:

Subscribe

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Created only using HTML & CSS.

## Projects Page

The screenshot shows a web browser window with the URL 127.0.0.1. The page has a dark header with a user icon and navigation links for Home, Projects, Blogs, and About. The main content area displays four project cards: 'Life on Land', 'Traffic Histogram', 'VishFolio', and 'Movie Rating System'. Each card includes a thumbnail, a title, a brief description, and a date. On the right side, there is a sidebar with sections for 'Projects' and 'Traffic Histogram', and a footer with a copyright notice for 2025 and a note that the site was created using only HTML & CSS.

**Projects**

**Life on Land**  
This is the first course work of the Web development module which given by the UOW.build using HTML, CSS and Advance Javascript concepts.  
Feb 03,2025

**Traffic Histogram**  
This is the first course work of the Software development module which given by the UOW.Build using Python and Tkinter.  
Nov 24,2024

**VishFolio**  
This the latest project that I finished working.Inspired by ios and build using react and some libraries including framer-motion.  
Aug 03,2025

**Movie Rating System**  
This is something I have done just to make sure that my backend knowledge is also strong as frontend.Build using express, MySQL, react.  
Sep 03,2025

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Sep 03,2025

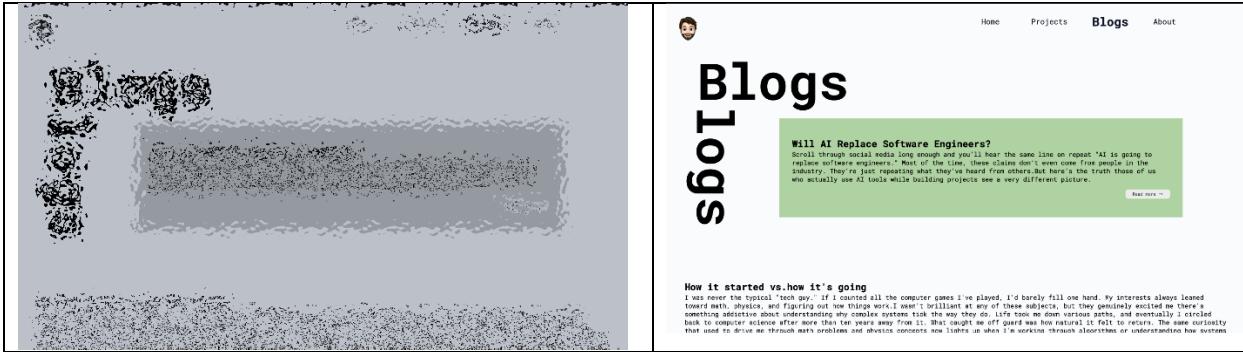
© 2025 Vishal Sudasinghe All Rights Reserved.  
Created only using HTML & CSS.

**26/ 10/ 2025**

Today I reviewed my previous implementation and identified a major design issue , I had used hard coded pixel values throughout the stylesheet. This is approach caused layout inconsistence across different screen sizes, negatively affecting responsiveness. To resolve this, I systematically replaced every pixel values with scalable units such as rem, ensuring more flexible and accessible design structure.

And I made some design changes too.

Before	After

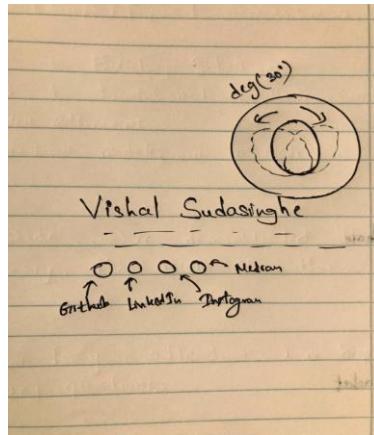


## 27/ 10/ 2025

After converting the style units, I built the entire website using rem units to achieve full responsiveness, I performed several viewpoint tests using browser developer tools to verify that the layout and the typography scaled appropriately across various devices and screen resolutions.

## 28/ 10/ 2025

On this day, I enhanced the website by adding new UI components, including three interactive blog cards and subtle animations(Emoji animation in the home page). These additions were made the project requirements stated in the coursework specification and to improve use engagement and overall visual appeal.



## 30 / 10/ 2025

I refined the website's structure by removing unnecessary standalone form pages . Instead, I integrated the form section into the exiting “About” page. This modification simplified the site’s navigation flow and reduced redundancy, resulting in a cleaner and more user-friendly interface.

**31 / 10/ 2025**

I conducted formal HTML and CSS validation using the W3C Validator to ensure code quality and compliance with web standards. Several syntax errors and minor warnings were identified and corrected. I also documented the validation results and included screenshots of the validation reports as evidence in the final project documentation. (5. Code validation )

**01 / 11/ 2025**

Today I finalized the entire project, performing a final quality assurance check to confirm that all functionalities, animations, and responsiveness were working as expected, then I updated the version history and development log in the report to reflect the complete progression of the report.

## 4. CSS Implementation

You are required to use the following:

- 1 Specify font(s) to be used throughout the site and in more specific areas, using either @font-face or google fonts
- 2 Colors (including at least one semi transparent)
- 3 Shadows
- 4 Text effects
- 5 Attribute selectors (minimum 2)
- 6 Pseudo elements with generated content in at least one place on your site
- 7 User action pseudo class
- 8 Child combinator
- 9 Structural selectors
- 10 Negation pseudo class
- 11 Nth pseudo class
- 12 Validity pseudo class
- 13 Relational selector
- 14 Border
- 15 Rounded corners (can be of size 0 if you do not wish to have rounded corners)
- 16 Gradient
- 17 Transforms
- 18 Transitions
- 19 Animations
- 20 Show that you have taken specificity into consideration

Provide good comments and indentation

Imported Roboto-Mono, Alfa-Slab, Bebas fonts

```
@import
url('https://fonts.googleapis.com/css2?family=Bebas+Neue&family=Roboto+Mono:ital,wght@0,100..70
0;1,100..700&family=Space+Grotesk:wght@300..700&display=swap');
@import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&family=Bebas+Neue&family=Roboto+Mo
no:ital,wght@0,100..700;1,100..700&family=Space+Grotesk:wght@300..700&display=swap');
```

Used Shadows in Projects page

```
.projectsSec:hover,
.projectsSecMain:hover {
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
  cursor: pointer;
  transform: scale(1.02);
  transition: transform 0.3s ease, box-shadow 0.3s ease;
}
```

Attribute Selectors,

```
.subscribeForm input[type="text"],  
.subscribeForm input[type="email"],  
.subscribeForm input[type="textfield"] {  
  padding: 1rem;  
  border: 0.1px solid var(--charcoal);  
  font-size: 1rem;  
  outline: none;  
}
```

Structural Selectors,

```
.projectsSecCont > article:first-child {  
  border: 1px solid var(--off-white);  
  padding: 2rem;  
}  
.projectsSecCont > article:last-child {  
  border: 1px solid var(--off-white);  
  padding: 2rem;  
}
```

Pseudo-elements with generated content

```
.buttonCont button::after {  
  content: '→';  
  position: relative;  
  left: 0;  
  transition: left 0.3s ease;  
}  
.buttonCont button:hover::after {  
  left: 0.2rem;  
}
```

User action pseudo class,

```
.subscribeForm input:focus {  
  border: 0.2rem solid var(--charcoal);  
}  
.projectsSec:hover,  
.projectsSecMain:hover {  
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);  
  cursor: pointer;  
  transform: scale(1.02);  
  transition: transform 0.3s ease, box-shadow 0.3s ease;  
}
```

Validity pseudo class,

```

form:has(input:invalid) button {
    opacity: 0.5;
    pointer-events: none;
}

form:has(input:valid) button {
    opacity: 1;
    pointer-events: auto;
}
<form class="subscribeForm">
    <label>Name: </label>
    <input type="text" name="name" id="name" placeholder="Enter your name..." required/>
    <label>Email: </label>
    <input type="email" name="email" id="email" placeholder="Enter your email..." required/>
    <label>Message: </label>
    <input type="text" class="message" placeholder="We need your thoughts ..."/>
    <div class="conditionDiv">
        <input type="checkbox" id="checkBox" name="checkBox" />
        <label class="condition">I agree to receive emails from Vishal Sudasinghe </label>
    </div>
    <div class="radioDiv">
        <input type="radio" id="fan1" name="fan1" value="fan1" >
        <label>I'm a fan of Billie Eilish</label>
    </div>
    <div class="radioDiv">
        <input type="radio" id="fan1" name="fan1" value="fan1" >
        <label>I have a Dog.</label>
    </div>
    <button type="submit">Subscribe</button>
</form>
```

### Animations (@keyframes),

```

@keyframes tilt {
    0% {
        transform: rotate(10deg);
    }
    25% {
        transform: rotate(-10deg);
    }
    50% {
        transform: rotate(10deg);
    }
    75% {
        transform: rotate(-10deg);
    }
    100% {
```

```
        transform: rotate(10deg);
    }
}
```

Transforms,

```
nav ul li:not(.navLogo) a:hover {
    transform: scale(1.6);
    color: var(--cool-gray);
}
nav ul li a.active {
    transform: scale(1.6);
    font-weight: bold;
}
```

Gradient,

```
footer {
    width: 100%;
    background-image: linear-gradient(to right, var(--charcoal) , rgba(0, 0, 0, 0.8));
    padding: 2rem 0;
    text-align: center;
}
```

Border,

```
.subscribeForm input[type="text"],
.subscribeForm input[type="email"],
.subscribeForm input[type="textfield"] {
    padding: 1rem;
    border: 0.1px solid var(--charcoal);
    font-size: 1rem;
    outline: none;
}
```

Child combinator,

```
nav > ul > li > a{
    text-decoration: none;
    color: var(--charcoal);
    transition: transform 0.3s ease;
    display: inline-block;
}
```

Rounded corners,  
border-radius: 8px

Specificity considered,  
Many areas using > and element > class

Nth pseudo class,

```
.secondMainCont article:nth-child(3) {  
    margin-bottom: 5rem;  
}
```

Negation pseudo class,

```
.projectSecCont > article:not(.projectsSecMain) {  
    border: 2px solid var(--slate);  
}
```

# 5. Code Validation

## Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

**Showing results for uploaded file blogs.html (checked with vnu 25.10.25)**

Checker Input  
Show  source  outline  image report  
Options...  
Check by  file upload  Choose File no file selected  
Uploaded files with .xml or .xht extensions are parsed using the XML parser.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 6, column 5; to line 6, column 47  
`1.0"><link rel="stylesheet" href="styles.css" />`
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 14, column 21; to line 14, column 62  
``
3. Warning Section lacks heading. Consider using h2 - h6 elements to add identifying headings to all sections, or else use a div element instead for any cases where no heading is needed.  
From line 30, column 9; to line 30, column 30  
`><section class="cont">`
4. Warning Section lacks heading. Consider using h2 - h6 elements to add identifying headings to all sections, or else use a div element instead for any cases where no heading is needed.  
From line 45, column 5; to line 45, column 42  
`div><section class="beforeSecondMainCont">`
5. Warning Section lacks heading. Consider using h2 - h6 elements to add identifying headings to all sections, or else use a div element instead for any cases where no heading is needed.  
From line 91, column 5; to line 91, column 36  
`><section class="secondMainCont">`
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 161, column 21; to line 161, column 78  
``
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 165, column 21; to line 165, column 81  
``
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 169, column 21; to line 169, column 83  
``
9. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 173, column 21; to line 173, column 80  
``

Document checking completed.

Used the HTML parser.  
Total execution time 6 milliseconds.

[About this checker](#) • [Report an issue](#)

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Show  source  outline  image report  
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Uploaded files with .xml or .xht extensions are parsed using the XML parser.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 6, column 5; to line 6, column 47  
`1.0"><link rel="stylesheet" href="styles.css" />`
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 14, column 21; to line 14, column 62  
``
3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 35, column 21; to line 35, column 84  
``
4. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 51, column 21; to line 51, column 77  
``
5. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 64, column 21; to line 64, column 70  
``
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 77, column 21; to line 77, column 77  
``
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 104, column 21; to line 104, column 78  
``
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 108, column 21; to line 108, column 81  
``
9. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 112, column 21; to line 112, column 83  
``
10. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 116, column 21; to line 116, column 80  
``

Document checking completed. No errors or warnings to show.

Used the HTML parser.  
Total execution time 4 milliseconds.

[About this checker](#) • [Report an issue](#)

## Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

**Showing results for uploaded file about.html (checked with vnu 25.10.25)**

Checker Input  
Show  source  outline  image report  
Options...

Check by  file upload  Choose File no file selected  
Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 6, column 5; to line 6, column 47  
`1.0">       <link rel="stylesheet" href="styles.css" />       <`
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 14, column 21; to line 14, column 62  
``
3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 33, column 114; to line 33, column 119  
`rate me...<br /><br />`
4. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 33, column 120; to line 33, column 125  
`....<br /><br /><br />`
5. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 33, column 126; to line 33, column 131  
`r /><br /><br />`
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 55, column 17; to line 55, column 100  
`<input type="text" name="name" id="name" placeholder="Enter your name..." required/>`
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 57, column 17; to line 57, column 104  
`<input type="email" name="email" id="email" placeholder="Enter your email..." required/>`
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 59, column 17; to line 59, column 92  
`<input type="text" class="message" placeholder="We need your thoughts ..."/>`
9. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 61, column 21; to line 61, column 75  
`<input type="checkbox" id="checkBox" name="checkBox" />`
10. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 87, column 21; to line 87, column 78  
``
11. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 91, column 21; to line 91, column 81  
``
12. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 95, column 21; to line 95, column 83  
``
13. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 99, column 21; to line 99, column 80  
``

Document checking completed. No errors or warnings to show.

Used the HTML parser.  
Total execution time 7 milliseconds.

<https://validator.w3.org/nu/>

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

**Showing results for uploaded file index.html (checked with vnu 25.10.25)**

Checker Input  
Show  source  outline  image report  Options...

Check by  file upload  Choose File no file selected

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 6, column 5; to line 6, column 47  
`1.0">       <link rel="stylesheet" href="styles.css" />       <`
2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 14, column 21; to line 14, column 62  
``
3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 34, column 17; to line 34, column 74  
``
4. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 38, column 17; to line 38, column 77  
``
5. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 42, column 17; to line 42, column 79  
``
6. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 46, column 17; to line 46, column 76  
``
7. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 51, column 9; to line 51, column 68  
`>              <`
8. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 65, column 21; to line 65, column 78  
``
9. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 69, column 21; to line 69, column 81  
``
10. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 73, column 21; to line 73, column 83  
``
11. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.  
From line 77, column 21; to line 77, column 80  
``

Document checking completed. No errors or warnings to show.

Used the HTML parser.  
Total execution time 4 milliseconds.

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## 6. Version history

A screenshot of a GitHub repository named "Portfolio--ACS-". The repository is private. The main branch is selected. There are 2 branches and 0 tags. A search bar and a code navigation button are visible. A recent commit by "VishalOz" is shown, merging pull request #50 from "VishalOz/vishal". The commit message is "Merge pull request #50 from VishalOz/vishal". It was made 2 days ago at 78a5263. The commit details show several files added or modified, all with "feat" messages and specific descriptions like "feat(Design changes)" and "feat(Semantic errors fixed)". The commits are dated from 3 weeks ago to 4 days ago.

File	Message	Date
assets	feat(Design changes)	3 weeks ago
.DS_Store	feat(Semantic errors fixed)	4 days ago
.gitignore	feat(removed the DS Store)	2 months ago
README.md	Initial commit	2 months ago
about.html	feat(Semantic errors fixed)	4 days ago
blogs.html	Finalized	4 days ago
index.html	feat(Home page fully completed using rem)	last week
projects.html	feat(Project page responsive)	last week
styles.css	Error fixed	4 days ago

A screenshot of a GitHub repository showing a detailed commit history. The commits are organized by date:

- Commits on Sep 26, 2025:**
  - Initial commit** by VishalOz on Sep 26. Verified. Hash: 8503d85. Message: "feat(footer added, color corrections, used semantic elements)".
- Commits on Sep 29, 2025:**
  - Merge pull request #7 from VishalOz/vishal** by VishalOz on Sep 29. Verified. Hash: 22b408f. Message: "Merge pull request #7 from VishalOz/vishal".
  - test** by VishalOz on Sep 29. Hash: 6a5101f. Message: "feat(Logo links added)".
- Commits on Sep 28, 2025:**
  - Merge pull request #6 from VishalOz/vishal** by VishalOz on Sep 28. Verified. Hash: e896bc5. Message: "Merge pull request #6 from VishalOz/vishal".
  - feat(Project page is 90% done)** by VishalOz on Sep 28. Hash: cf0c699. Message: "feat(Project page is 90% done)".
- Commits on Sep 27, 2025:**
  - Merge pull request #5 from VishalOz/vishal** by VishalOz on Sep 27. Verified. Hash: f99f11c. Message: "Merge pull request #5 from VishalOz/vishal".
  - feat(Logo links added)** by VishalOz on Sep 27. Hash: df82a49. Message: "feat(Logo links added)".

VishalOz authored last month	<a href="#">feat(Semantic element misuse error fix)</a>	ee7b593		
VishalOz committed last month				
Commits on Oct 2, 2025				
Merge pull request #11 from VishalOz/vishal	<a href="#">feat(Added the blogs page)</a>	a9bf5e1		
VishalOz authored on Oct 2	VishalOz committed on Oct 2			
Commits on Oct 1, 2025				
Merge pull request #10 from VishalOz/vishal	<a href="#">feat(Changed the logo in navigation bar)</a>	2b5fd8d		
VishalOz authored on Oct 1	VishalOz committed on Oct 1			
Commits on Sep 30, 2025				
Merge pull request #9 from VishalOz/vishal	<a href="#">feat(footer position fix)</a>	ccb1ddc		
VishalOz authored on Sep 30	VishalOz committed on Sep 30			
Merge pull request #8 from VishalOz/vishal	<a href="#">feat(footer added, color corrections, used semantic elements)</a>	e092cd8		
VishalOz authored on Sep 30	VishalOz committed on Sep 30			
Commits on Sep 29, 2025				
Merge pull request #7 from VishalOz/vishal	<a href="#">test</a>	22b40ff		
VishalOz authored on Sep 29	VishalOz committed on Sep 29			
Commits on Sep 28, 2025				
Merge pull request #6 from VishalOz/vishal	<a href="#">feat(Project page is 90% done)</a>	e896bc5		
VishalOz authored on Sep 28	VishalOz committed on Sep 28			
Commits on Sep 27, 2025				
Merge pull request #5 from VishalOz/vishal	<a href="#">feat(Logo links added)</a>	f99f11c		
VishalOz authored on Sep 27	VishalOz committed on Sep 27			
Merge pull request #4 from VishalOz/vishal	<a href="#">Added semantic elements to about page</a>	d5ff6a5		
VishalOz authored on Sep 27	VishalOz committed last month			
Commits on Oct 5, 2025				
Merge pull request #16 from VishalOz/vishal	<a href="#">feat(About page and Form responsive)</a>	55cee6b		
VishalOz authored last month	VishalOz committed last month			
feat(Projects page is mobile responsive)		98301b7		
VishalOz committed last month				
Merge pull request #15 from VishalOz/vishal	<a href="#">feat(Home page mobile responsive)</a>	15ee03b		
VishalOz authored last month	VishalOz committed last month			
Commits on Oct 4, 2025				
Merge pull request #14 from VishalOz/vishal	<a href="#">feat(Modified the about page)</a>	8b75884		
VishalOz authored last month	VishalOz committed last month			
feat(CSS cleaning, Added color template)		63bd814		
VishalOz committed last month				
Commits on Oct 3, 2025				
Merge pull request #13 from VishalOz/vishal		370f77c		
VishalOz authored last month				

<b>feat Navbar responsive using rem)</b>  VishalOz committed last week	0958f7a  
-o Commits on Oct 20, 2025	
<b>Merge pull request #33 from VishalOz/vishal</b>  VishalOz authored 2 weeks ago	 c134f56  
<b>feat(Err:Blog)fixed the readmore error in the blog page</b>  VishalOz committed 2 weeks ago	7f10787  
-o Commits on Oct 19, 2025	
<b>Merge pull request #32 from VishalOz/vishal</b>  VishalOz authored 2 weeks ago	 9fd73d6  
<b>feat(GSP)project page done</b>  VishalOz committed 2 weeks ago	fb03ba2  
<b>Merge pull request #31 from VishalOz/vishal</b>  VishalOz authored 2 weeks ago	 271f580  
<b>feat(GSP)Projects page fixed</b>  VishalOz committed 2 weeks ago	cce043a  
<b>Merge pull request #30 from VishalOz/vishal</b>  VishalOz authored 2 weeks ago	 9ac3650  
<b>feat(GSP)Footer fixed</b>  VishalOz committed 2 weeks ago	efeb65c  
-o Commits on Oct 17, 2025	
<b>Merge pull request #29 from VishalOz/vishal</b>  VishalOz authored 2 weeks ago	 92a61e7  
<b>feat(Radio buttons added)</b>  VishalOz committed 2 weeks ago	024d460f  
<b>Merge pull request #28 from VishalOz/vishal</b>  VishalOz authored 2 weeks ago	 20131cd  
<b>finalised</b>  VishalOz committed 2 weeks ago	205dec4  
-o Commits on Oct 15, 2025	
<b>feat(Projects page error fixes)</b>  VishalOz committed 3 weeks ago	6fb610f  
-o Commits on Oct 13, 2025	
<b>Merge pull request #27 from VishalOz/vishal</b>  VishalOz authored 3 weeks ago	 7fa30fe  
<b>feat(Fixes errors in the mobile view)</b>  VishalOz committed 3 weeks ago	ae125a4  
-o Commits on Oct 10, 2025	
<b>feat(Blog page responsive )</b>  VishalOz committed last week	56e96f8  
<b>Merge pull request #41 from VishalOz/vishal</b>  VishalOz authored last week	 d5ceb06  
<b>feat(Project page responsive)</b>  VishalOz committed last week	69d2766  
<b>Merge pull request #40 from VishalOz/vishal</b>  VishalOz authored last week	 5463b74  
<b>feat(Home page responsive)</b>  VishalOz committed last week	bd1959e  
<b>Merge pull request #39 from VishalOz/vishal</b>  VishalOz authored last week	 802df1b  
<b>feat(Navbar responsive)</b>  VishalOz committed last week	308a4b4  
-o Commits on Oct 24, 2025	
<b>Merge pull request #38 from VishalOz/vishal</b>  VishalOz authored last week	 b58109b  
<b>feat(About page new design using rem)</b>  VishalOz committed last week	a7000fd  
<b>Merge pull request #37 from VishalOz/vishal</b>  VishalOz authored last week	 6ea0da  
<b>feat(Blog page fully completed using rem)</b>  VishalOz committed last week	3b32db8  
-o Commits on Oct 23, 2025	
<b>Merge pull request #36 from VishalOz/vishal</b>  VishalOz authored last week	 825eb37  
<b>feat(Project page fully completed with rem)</b>  VishalOz committed last week	58fafdd  
<b>Merge pull request #35 from VishalOz/vishal</b>  VishalOz authored last week	 3da7472  
<b>feat(Home page fully completed using rem)</b>  VishalOz committed last week	68e4fc9  

<b>feat(Removed the entire responsive)</b>	VishalOz committed 5 days ago	e1ab719		
<b>Bfore pull</b>	VishalOz committed 5 days ago	fc23b13		
Commits on Oct 25, 2025				
<b>Merge pull request #43 from VishalOz/vishal</b>	VishalOz authored last week	ad3e1bd		
<b>feat(About page plus Form responsive)</b>	VishalOz committed last week	91683be		
<b>Merge pull request #42 from VishalOz/vishal</b>	VishalOz authored last week	Verified dab15fd		
<b>feat(Blog page responsive )</b>	VishalOz committed last week	56e96fb		
<b>Merge pull request #41 from VishalOz/vishal</b>	VishalOz authored last week	Verified d5ceb06		
<b>feat(Project page responsive)</b>	VishalOz committed last week	69d2766		
<b>Merge pull request #40 from VishalOz/vishal</b>	VishalOz authored last week	Verified 5463b74		
<b>feat(Home page responsive)</b>	VishalOz committed last week	bd1959e		
<b>Merge pull request #39 from VishalOz/vishal</b>	VishalOz authored last week	Verified 802df1b		
<b>feat(Navbar responsive)</b>	VishalOz committed last week	308a4b4		
Commits on Oct 24, 2025				
<b>Merge pull request #38 from VishalOz/vishal</b>	VishalOz authored last week	Verified b58106b		
<b>feat(About page new design using rem)</b>	VishalOz committed last week	a7000fd		
<b>Merge pull request #37 from VishalOz/vishal</b>	VishalOz authored last week	Verified 6ea0da		
<b>feat(Blog page fully completed using rem)</b>	VishalOz committed last week	3b32db8		
Commits on Oct 23, 2025				
<b>Merge pull request #36 from VishalOz/vishal</b>	VishalOz authored last week	Verified 825eb37		
<b>feat(Project page fully completed with rem)</b>	VishalOz committed last week	58fafdd		
<b>Merge pull request #35 from VishalOz/vishal</b>	VishalOz committed last week	Verified 3da7472		

## Commits

main				
Commits on Oct 30, 2025				
<b>Merge pull request #50 from VishalOz/vishal</b>	VishalOz authored 2 days ago	Verified 78a5263		
<b>Removed unnecessary form</b>	VishalOz committed 2 days ago	cb6fedc		
Commits on Oct 28, 2025				
<b>Merge pull request #49 from VishalOz/vishal</b>	VishalOz authored 4 days ago	Verified 14d6b42		
<b>Error fixed</b>	VishalOz committed 4 days ago	ecf1d23		
<b>Merge pull request #48 from VishalOz/vishal</b>	VishalOz authored 4 days ago	Verified 7bac103		
<b>feat(Semantic errors fixed)</b>	VishalOz committed 4 days ago	3a4a67b		
<b>Merge pull request #47 from VishalOz/vishal</b>	VishalOz authored 4 days ago	Verified a30ccc2		
<b>Finalized</b>	VishalOz committed 4 days ago	b994b4c		
<b>Merge pull request #46 from VishalOz/vishal</b>	VishalOz authored 4 days ago	Verified 4172078		
<b>feat(projects res)</b>	VishalOz committed 4 days ago	7712f90		
<b>feat(Projects res)</b>	VishalOz committed 4 days ago	2a26551		

<p><a href="#">Merge pull request #24 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Blog page is now responsive, selectors, pseudo elements/classes )</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> 3fe74ba ⌂ <>
-o Commits on Oct 9, 2025	
<p><a href="#">Merge pull request #23 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Form conditions added)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #22 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Nvigation .active class error fixed)</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> eca826 ⌂ <>
	ff38cb8 ⌂ <>
	<span>Verified</span> 9b9dc7f ⌂ <>
	adbedfa8 ⌂ <>
-o Commits on Oct 8, 2025	
<p><a href="#">Merge pull request #21 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(navigation hovering)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #20 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Added animation to the about page)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #19 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Error fixing in positioning)</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> 6ff0e26 ⌂ <>
	df46619 ⌂ <>
	<span>Verified</span> ce2e11d ⌂ <>
	2c49f8a ⌂ <>
	<span>Verified</span> 2decae5 ⌂ <>
	c085ca9 ⌂ <>
-o Commits on Oct 7, 2025	
<p><a href="#">Merge pull request #18 from VishalOz/vishal</a></p> <p>VishalOz authored last month</p> <p><a href="#">feat(Major changes in Blog--Style--Added a new color -- semantic used)</a></p> <p>VishalOz committed last month</p>	<span>Verified</span> c808280 ⌂ <>
	6c1ee69 ⌂ <>
-o Commits on Oct 6, 2025	
<p><a href="#">Merge pull request #17 from VishalOz/vishal</a></p> <p>VishalOz authored last month</p>	<span>Verified</span> b6ffbb4 ⌂ <>
	< Previous Next >
<a href="#">View all commits</a>	
<p><a href="#">Merge pull request #27 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Fixes errors in the mobile view)</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> 71a30fe ⌂ <>
-o Commits on Oct 10, 2025	
<p><a href="#">Merge pull request #26 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Design changes)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #25 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Requirements done.began the basic styling)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #24 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Blog page is now responsive, selectors, pseudo elements/classes )</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> 94e29c ⌂ <>
	c1a364b ⌂ <>
	<span>Verified</span> 8db6632 ⌂ <>
	13294e9 ⌂ <>
	<span>Verified</span> 3fe74ba ⌂ <>
	59a4ef7 ⌂ <>
-o Commits on Oct 9, 2025	
<p><a href="#">Merge pull request #23 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Form conditions added)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #22 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Nvigation .active class error fixed)</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> eca826 ⌂ <>
	ff38cb8 ⌂ <>
	<span>Verified</span> 9b9dc7f ⌂ <>
	adbedfa8 ⌂ <>
-o Commits on Oct 8, 2025	
<p><a href="#">Merge pull request #21 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(navigation hovering)</a></p> <p>VishalOz committed 3 weeks ago</p> <p><a href="#">Merge pull request #20 from VishalOz/vishal</a></p> <p>VishalOz authored 3 weeks ago</p> <p><a href="#">feat(Added animation to the about page)</a></p> <p>VishalOz committed 3 weeks ago</p>	<span>Verified</span> 6ff0e26 ⌂ <>
	df46619 ⌂ <>
	<span>Verified</span> ce2e11d ⌂ <>
	2c49f8a ⌂ <>

## 7. References

- Jake Sinclair Portfolio . <https://www.jakesinclair.ca/>
- W3Schools. HTML Tutorial. Available from <https://www.w3schools.com/html/default.asp> [Accessed 04 October - 04 October 2025]
- W3Schools. CSS Tutorial. Available from <https://www.w3schools.com/css/default.asp> [Accessed 04 October - 04 October 2025]
- Google fonts. <https://fonts.google.com/> [Accessed 04 October 2025]
- HTML5 Validator. <http://validator.w3.org/> [Accessed 04 November 2025]
- CSS Lint. <http://csslint.net/> [Accessed 04 November 2025]