

# **PORTFOLIO PROJECT**

Submitted by

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In partial fulfilment of the requirement for the award of the Degree of

**Master of Computer Applications**

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**Coimbatore.**

Under the Internal Supervision of

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**Master of Computer Applications,**

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**RATHNAVEL SUBRAMANIAM COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**AFFILIATED TO BHARATHIAR UNIVERSITY**

**NAAC Re-accredited & ISO 9000:2008 Certified**

**SULUR, COIMBATORE-641402.**



**February 2023**

**Register Number – 1P22MC023**

Certified bona fide original record of work done by **KAVINESH D**

**Internal Supervisor**

**HOD**

Submitted for the project Evaluation and Viva voice held on.....

**Internal Examiner**

**External Examiner**

# PORTFOLIO PROJECT

## **Chapter 1:** \_\_\_\_\_ 5

### Video Introduction

#### 1.1. YouTube Video

## **Chapter 2:** \_\_\_\_\_ 6

### Website Bio Score

#### 2.1. Minimum 50 words (Include photo)

#### 2.2. Contact Information (LinkedIn, GitHub, Email, Etc.)

## **Chapter 3:** \_\_\_\_\_ 16

### Pages & Navigation

#### 3.1. Landing Page

#### 3.2. Project Page

#### 3.3. Navigation Bar

## **Chapter 4:** \_\_\_\_\_ 43

### Styles Score

#### 4.1. Styles (Font Color Images)

#### 4.2. Styles Link (Link in Blue color & Underline Navigation)

#### 4.3. Use of Grid Layout

## **Chapter 5:** \_\_\_\_\_ 51

Website Include the Following Information

5.1. Project Links to GitHub

5.2. Project Description (1-5 sentences per projects)

## **Chapter 6:** \_\_\_\_\_ 53

Bootstrap

6.1. Uses Bootstrap

## **Chapter 7:** \_\_\_\_\_ 54

Project README

7.1. Title Description (Min 20 words)

7.2. How to Run Project

7.3. Future improvements of projects

## **Chapter 8:** \_\_\_\_\_ 57

File Structure

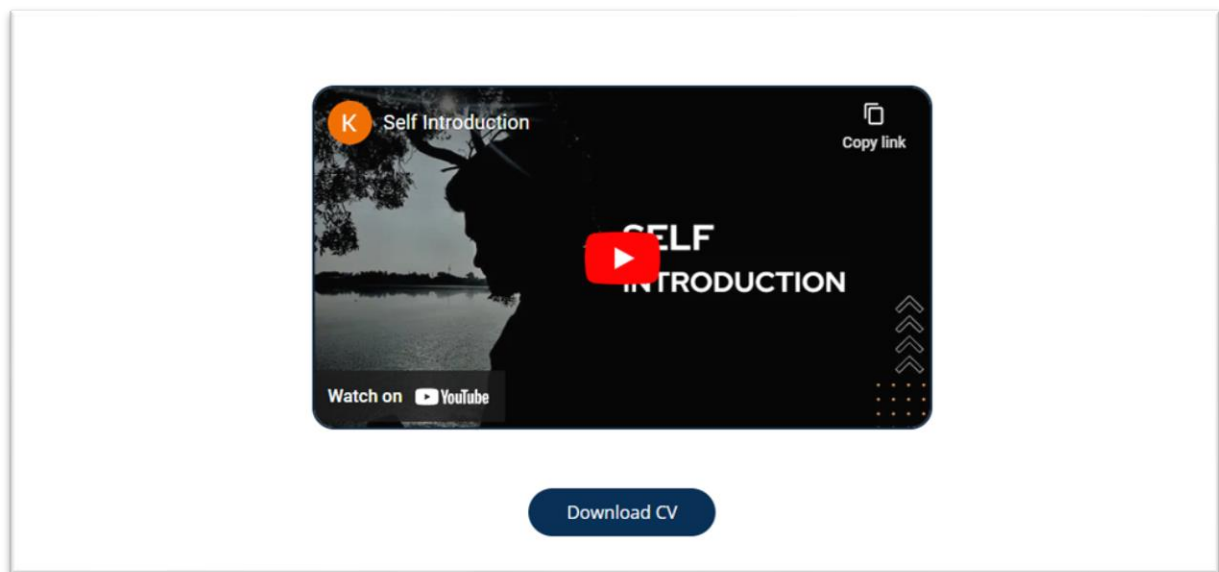
8.1. GitHub File Structure

# PORTFOLIO PROJECT

## CHAPTER 1

### VIDEO INTRODUCTION

#### 1.1 YouTube Video Introduction



Source code:

HTML

```
<div class="self"><center><iframe width="560" height="315"
src="https://www.youtube.com/embed/i_ZeRX_TprM" class="selfintro"
title="YouTube video player" frameborder="0" allow="accelerometer; autoplay;
clipboard-write; encrypted-media; gyroscope; picture-in-picture"
allowfullscreen></iframe></center></div>
```

CSS

```
.selfintro{
  border-radius: 20px;
  border: 2px solid #142b47;
  animation: self 1s ease-in-out;
```

## CHAPTER 2

### WEBSITE BIO SCORE

#### 2.1 About me

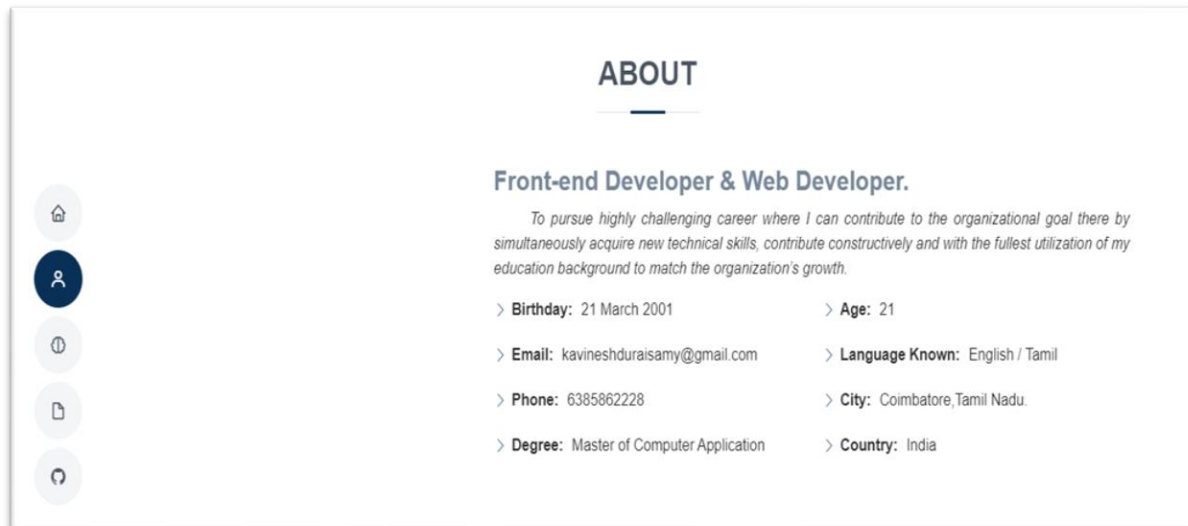


Figure- 2.1.1

#### Description

In this page, there is an Image of mine, paragraph about me and also an option called DOWNLOAD RESUME. So, that if any user wants to see the resume they can directly download from here.

#### Source Code:

#### HTML

```
<!-- ===== About Section ===== -->
<section id="about" class="about">
  <div class="container" data-aos="fade-up">
    <div class="section-title">
      <h2>About</h2>
    </div>
    <div class="row">
      <div class="col-lg-4">
```

```

        
    </div>
    <div class="col-lg-8 pt-4 pt-lg-0 content">
        <h3>Front-end Developer & Web Developer.</h3>
        <p class="fst-italic" style="text-align: justify;">
            &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; To pursue highly challenging career
where I can contribute to the
            organizational goal there by simultaneously acquire new
technical
            skills, contribute constructively and with the fullest
utilization of my
            education background to match the organization's growth.
        </p>
        <div class="row">
            <div class="col-lg-6">
                <ul>
                    <li><i class="bi bi-chevron-right"></i>
<strong>Birthday:</strong> <span>21 March 2001</span></li>
                    <li><i class="bi bi-chevron-right"></i>
<strong>Email:</strong> <span>kavineshduraisamy@gmail.com</span></li>
                    <li><i class="bi bi-chevron-right"></i>
<strong>Phone:</strong> <span>6385862228</span></li>
                    <li><i class="bi bi-chevron-right"></i>
<strong>Degree:</strong> <span>Master of Computer Application</span></li>
                </ul>
            </div>
            <div class="col-lg-6">
                <ul>
                    <li><i class="bi bi-chevron-right"></i>
<strong>Age:</strong> <span>21</span></li>
                    <li><i class="bi bi-chevron-right"></i> <strong>Language
Known:</strong> <span>English / Tamil</span></li>
                    <li><i class="bi bi-chevron-right"></i>
<strong>City:</strong> <span>Coimbatore,Tamil Nadu.</span></li>
                    <li><i class="bi bi-chevron-right"></i>
<strong>Country:</strong> <span>India</span></li>
                </ul>
            </div>
        </div>
        <p>
            </p>
    </div>
</div>
</div>

```

## CSS:

```
# About

-----*/

.about .content h3 {
  font-weight: 700;
  font-size: 26px;
  color: #728394;
}

.about .content ul {
  list-style: none;
  padding: 0;
}

.about .content ul li {
  margin-bottom: 20px;
  display: flex;
  align-items: center;
}

.about .content ul strong {
  margin-right: 10px;
}

.about .content ul i {
  font-size: 16px;
  margin-right: 5px;
  color: #032c53;
  line-height: 0;
}

.about .content p:last-child {
  margin-bottom: 0;
}
```



```

# Sections General
-----*/

section {
  padding: 60px 10px;
  overflow: hidden;
}

.section-title {
  text-align: center;
  padding-bottom: 30px;
}

.section-title h2 {
  font-size: 32px;
  font-weight: bold;
  text-transform: uppercase;
  margin-bottom: 20px;
  padding-bottom: 20px;
  position: relative;
  color: #45505b;
}

.section-title h2::before {
  content: "";
  position: absolute;
  display: block;
  width: 120px;
  height: 1px;
  background: #ddd;
  bottom: 1px;
  left: calc(50% - 60px);
}

.section-title h2::after {
  content: "";
  position: absolute;
  display: block;
  width: 40px;
  height: 3px;
  background: #032c53;
  bottom: 0;
  left: calc(50% - 20px);
}

.section-title p {
  margin-bottom: 0;
}

```

## 2.2 Contact Page

**CONTACT**

**Location:**  
3/2B SLS Nagar 4<sup>th</sup> street, Sullur, Coimbatore,  
Tamil Nadu.

**Email:**  
kavineshduraisamy@gmail.com

**Call:**  
+91 6385862228

Your Name

Your Email

Subject

Message

Send Message

**KAVINESH DURAISAMY**

© Copyright Kavinesh Duraisamy. All Rights Reserved

Figure- 2.2.1

### Description

The above displayed figure is a contact page in the website. If the user wants to contact me, they can fill the form with their valid details. Once the user filled and submitted the form the page will be displayed as figure 2.2.2. This will be possible only after filled the all fields in the form.

### HTML:

```
<!-- ===== Contact Section ===== -->
<section id="contact" class="contact">
  <div class="container" data-aos="fade-up">
    <div class="section-title">
      <h2>Contact</h2>
    </div>
    <div class="row mt-1">
      <div class="col-lg-4">
```

```

        <div class="info">
            <div class="address">
                <i class="bi bi-geo-alt"></i>
                <h4>Location:</h4>
                <p>3/2B SLS Nagar 4<sup>th</sup> street, Sulur, Coimbatore,
Tamil Nadu.</p>
            </div>
            <div class="email">
                <i class="bi bi-envelope"></i>
                <h4>Email:</h4>
                <p>kavineshduraisamy@gmail.com</p>
            </div>
            <div class="phone">
                <i class="bi bi-phone"></i>
                <h4>Call:</h4>
                <p>+91 6385862228</p>
            </div>
        </div>
        <div class="col-lg-8 mt-5 mt-lg-0">
            <form action="forms/contact.php" method="post" role="form"
class="php-email-form">
                <div class="row">
                    <div class="col-md-6 form-group">
                        <input type="text" name="name" class="form-control"
id="name" placeholder="Your Name" required>
                    </div>
                    <div class="col-md-6 form-group mt-3 mt-md-0">
                        <input type="email" class="form-control" name="email"
id="email" placeholder="Your Email" required>
                    </div>
                </div>
                <div class="form-group mt-3">
                    <input type="text" class="form-control" name="subject"
id="subject" placeholder="Subject" required>
                </div>
                <div class="form-group mt-3">
                    <textarea class="form-control" name="message" rows="5"
placeholder="Message" required></textarea>
                </div>
                <div class="my-3">
                    <div class="loading">Loading</div>
                    <div class="error-message"></div>
                    <div class="sent-message">Your message has been sent. Thank
you!</div>
                </div>
                <div class="text-center"><button type="submit">Send
Message</button></div>

```

```

        </form>
      </div>
    </div>
  </div>
</section>
<!-- End Contact Section -->

```

## CSS:

```

# Contact
-----*/

.contact .info {
  width: 100%;
  background: #fff;
}

.contact .info i {
  font-size: 20px;
  color: #032c53;
  float: left;
  width: 44px;
  height: 44px;
  background: #eef7ff;
  display: flex;
  justify-content: center;
  align-items: center;
  border-radius: 50px;
  transition: all 0.3s ease-in-out;
}

.contact .info h4 {
  padding: 0 0 0 60px;
  font-size: 22px;
  font-weight: 600;
  margin-bottom: 5px;
  color: #45505b;
}

.contact .info p {
  padding: 0 0 0 60px;
  margin-bottom: 0;
  font-size: 14px;
  color: #728394;
}

.contact .info .email,
.contact .info .phone {
  margin-top: 40px;

```

```

}

.contact .info .email:hover i,
.contact .info .address:hover i,
.contact .info .phone:hover i {
    background: #032c53;
    color: #fff;
}

.contact .php-email-form {
    width: 100%;
    background: #fff;
}

.contact .php-email-form .form-group {
    padding-bottom: 8px;
}

.contact .php-email-form .error-message {
    display: none;
    color: #fff;
    background: #ed3c0d;
    text-align: left;
    padding: 15px;
    font-weight: 600;
}

.contact .php-email-form .error-message br+br {
    margin-top: 25px;
}

.contact .php-email-form .sent-message {
    display: none;
    color: #fff;
    background: #18d26e;
    text-align: center;
    padding: 15px;
    font-weight: 600;
}

.contact .php-email-form .loading {
    display: none;
    background: #fff;
    text-align: center;
    padding: 15px;
}

```

```

.contact .php-email-form .loading:before {
  content: "";
  display: inline-block;
  border-radius: 50%;
  width: 24px;
  height: 24px;
  margin: 0 10px -6px 0;
  border: 3px solid #18d26e;
  border-top-color: #eee;
  -webkit-animation: animate-loading 1s linear infinite;
  animation: animate-loading 1s linear infinite;
}

.contact .php-email-form input,
.contact .php-email-form textarea {
  border-radius: 4px;
  box-shadow: none;
  font-size: 14px;
}

.contact .php-email-form input {
  height: 44px;
}

.contact .php-email-form textarea {
  padding: 10px 12px;
}

.contact .php-email-form button[type=submit] {
  background: #032c53;
  border: 0;
  padding: 10px 35px;
  color: #fff;
  transition: 0.4s;
  border-radius: 50px;
}

.contact .php-email-form button[type=submit] {
  background: #032c53;
  border: 0;
  padding: 10px 35px;
  color: #fff;
  transition: 0.4s;
  border-radius: 50px;
}

```

```

.contact .php-email-form button[type=submit] {
    background: #032c53;
    border: 0;
    padding: 10px 35px;
    color: #fff;
    transition: 0.4s;
    border-radius: 50px;
}

.contact .php-email-form button[type=submit]:hover {
    background: #0678e3;
}

.contact .php-email-form button[type=submit] {
    background: #032c53;
    border: 0;
    padding: 10px 35px;
    color: #fff;
    transition: 0.4s;
    border-radius: 50px;
}

@-webkit-keyframes animate-loading {
    0% {
        transform: rotate(0deg);
    }

    100% {
        transform: rotate(360deg);
    }
}

@keyframes animate-loading {
    0% {
        transform: rotate(0deg);
    }

    100% {
        transform: rotate(360deg);
    }
}

```

## CHAPTER 3

### Pages & Navigation

#### 3.1 Landing page



Figure- 3.1.1

#### Description:

The above figures 3.1.1 are the screenshot of Homepage in a desktop view.

And this is a home screen of the portfolio which shows the landing page and Navigation bar. which shown as figure-3.1.1



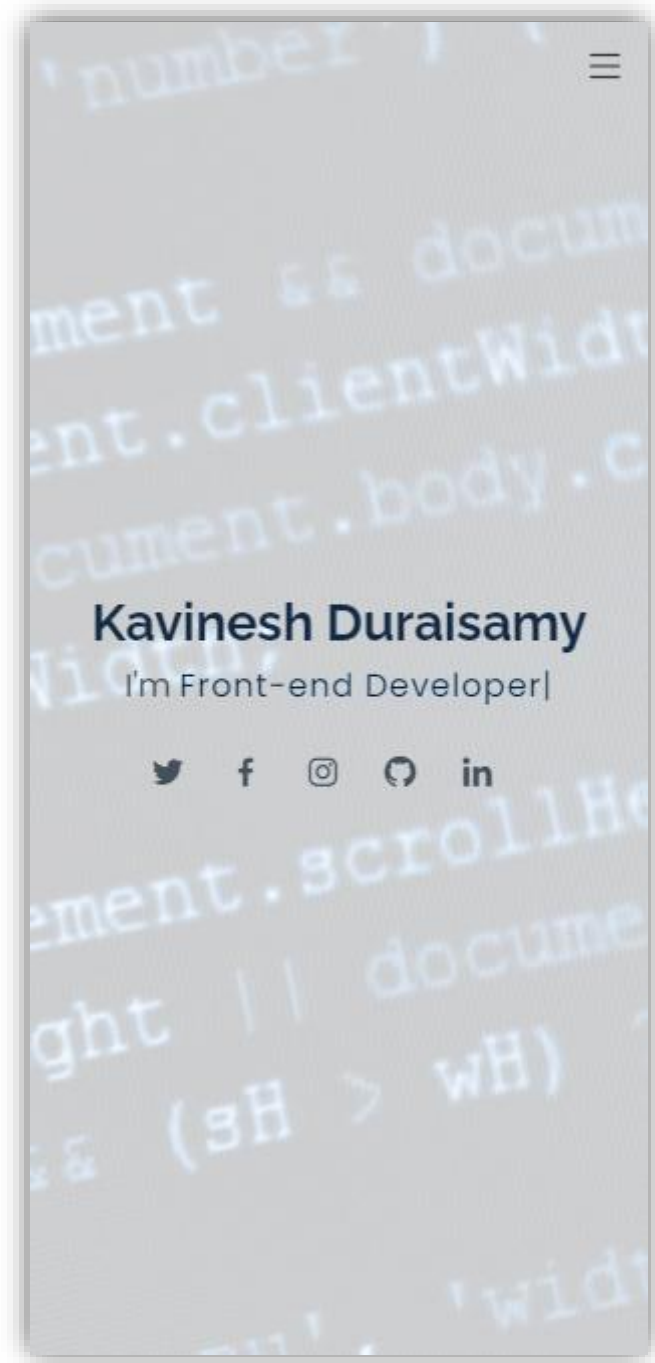


Figure- 3.1.2

### Description:

The above figures 3.1.2 are the screenshot of Homepage in a Mobile view. And this is a home screen of the portfolio which shows the landing page and Navigation bar. which shown as figure-3.1.2

## Source Code:

```
<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex flex-column justify-content-center">
  <div class="container" data-aos="zoom-in" data-aos-delay="100">
    <h1>Kavinesh Duraisamy</h1>
    <p>I'm <span class="typed" data-typed-items="Front-end Developer,Web
Developer"></span></p>
    <div class="social-links">
      <a href="https://twitter.com/thekavin_" class="twitter"
target="_blank"><i class="bx bxl-twitter"></i></a>
      <a href="https://www.facebook.com/Kavineshduraisamy/" class="facebook"
target="_blank"><i class="bx bxl-facebook"></i></a>
      <a href="https://www.instagram.com/thekavin_/" class="instagram"
target="_blank"><i class="bx bxl-instagram"></i></a>
      <a href="https://github.com/kavineshduraisamy"
class="github"target="_blank"><i class="bx bxl-github"></i></a>
      <a href="https://www.linkedin.com/in/kavinesh-d-6466a6200/"
class="linkedin" target="_blank"><i class="bx bxl-linkedin"></i></a>
    </div>
  </div>
</section>
```

## CSS:

```
# Hero Section
-----*/
#hero {
  width: 100%;
  height: 100vh;
  background: url("../img/else.jpg") top right no-repeat;
  background-size: cover;
  position: relative;
}

@media (min-width: 992px) {
  #hero {
    padding-left: 160px;
  }
}

#hero:before {
  content: "";
  background: rgba(255, 255, 255, 0.8);
  position: absolute;
  bottom: 0;
  top: 0;
  left: 0;
  right: 0;
}
```

```

}
.resumecourseline{
  text-align: justify;
}

#hero h1 {
  margin: 0;font-size: 64px;font-weight: 700;line-height: 56px;
  /* color: #45505b; */
  color: #142b47;
}

#hero p {
  color: #45505b;margin: 15px 0 0 0;font-size: 26px;font-family: "Poppins",
sans-serif;
}

#hero p span {
  color: #032c53;
  letter-spacing: 1px;
}

#hero .social-links {
  margin-top: 30px;
}

#hero .social-links a {
  font-size: 24px;display: inline-block;color: #45505b;line-height: 1;margin-
right: 20px;transition: 0.3s;
}

#hero .social-links a:hover {
  color: #032c53;
}

@media (max-width: 992px) {
  #hero {
    text-align: center;
  }

  #hero h1 {
    font-size: 32px;line-height: 36px;
  }

  #hero p {
    margin-top: 10px;
    font-size: 20px;line-height: 24px;
  }
}

```

## JAVASCRIPT:

```
* Easy on scroll event listener
*/
const onscroll = (el, listener) => {
  el.addEventListener('scroll', listener)
}
```

```
/**
* Scrolls to an element with header offset
*/
const scrollTo = (el) => {
  let elementPos = select(el).offsetTop
  window.scrollTo({
    top: elementPos,
    behavior: 'smooth'
  })
}

* Scroll with offset on links with a class name .scrollto
*/
on('click', '.scrollto', function(e) {
  if (select(this.hash)) {
    e.preventDefault()

    let body = select('body')
    if (body.classList.contains('mobile-nav-active')) {
      body.classList.remove('mobile-nav-active')
      let navbarToggle = select('.mobile-nav-toggle')
      navbarToggle.classList.toggle('bi-list')
      navbarToggle.classList.toggle('bi-x')
    }
    scrollTo(this.hash)
  }
}, true)
```

```
/**
Scroll with offset on page load with hash links in the url
*/
window.addEventListener('load', () => {
  if (window.location.hash) {
    if (select(window.location.hash)) {
      scrollTo(window.location.hash)
    }
  }
});

/**
```

```

* Preloader
*/
let preloader = select('#preloader');
if (preloader) {
  window.addEventListener('load', () => {
    preloader.remove()
  });
}

/**
 * Hero type effect
 */
const typed = select('.typed')
if (typed) {
  let typed_strings = typed.getAttribute('data-typed-items')
  typed_strings = typed_strings.split(',')
  new Typed('.typed', {
    strings: typed_strings,
    loop: true,
    typeSpeed: 100,
    backSpeed: 50,
    backDelay: 2000
  });
}

```

Back to button:

```

* Back to top button
*/
let backtotop = select('.back-to-top')
if (backtotop) {
  const toggleBacktotop = () => {
    if (window.scrollY > 100) {
      backtotop.classList.add('active')
    } else {
      backtotop.classList.remove('active')
    }
  }
  window.addEventListener('load', toggleBacktotop)
  onscroll(document, toggleBacktotop)
}

```

## 3.2 Project Page



Figure- 3.2.1

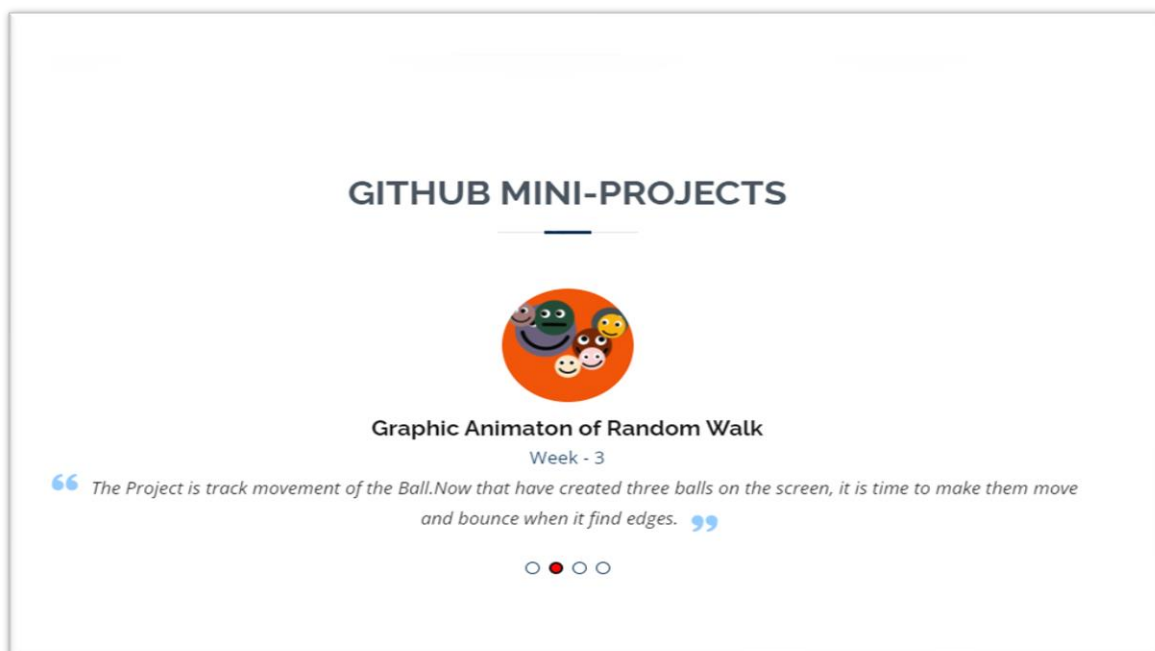


Figure- 3.2.2

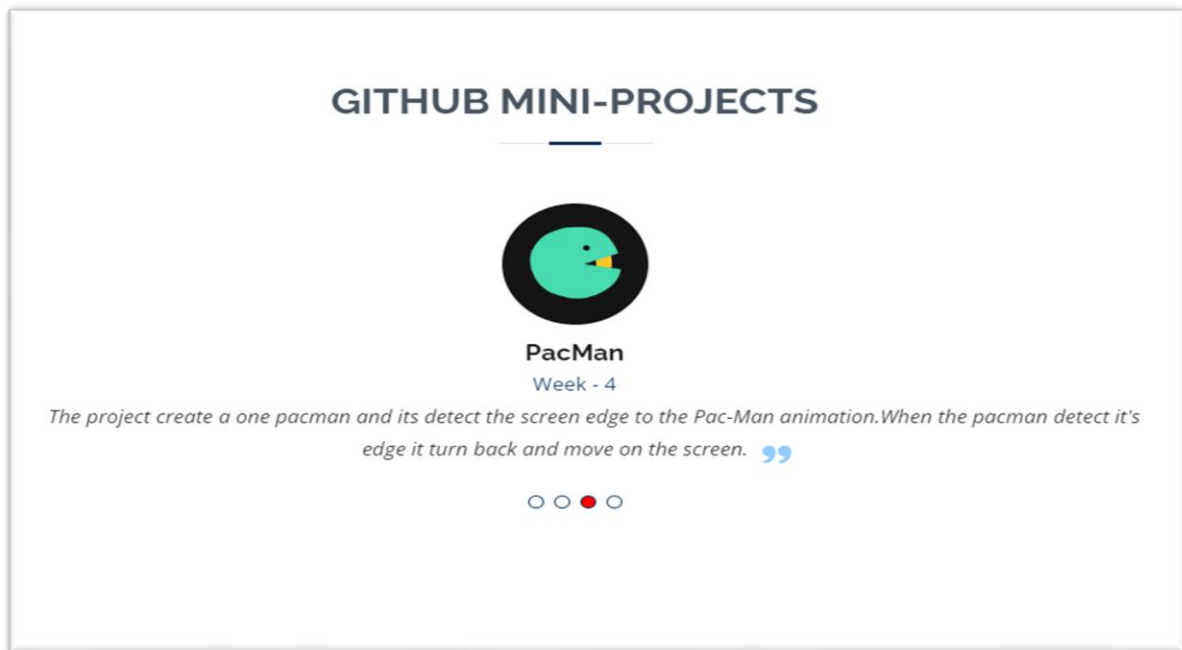


Figure- 3.2.3



Figure- 3.2.4



Figure- 3.2.5

### Description:

The above figures 3.2.1, 3.2.2, 3.2.3, 3.2.4, 3.2.5, 3.2.6, are the screenshot of project page in a desktop view. In this section, there was a 9 projects. The user can easily identify the idea of the project by their index images and titles in the cards.



## Features:

In this section, there will be a dots at the bottom. The user can click on the dots 3 dots to move, another set of projects. If the user open the website in a mobile, this project section cards will display one-by-one. So there will be a 9 dots, so the user can click and view the projects as per their wish.

## Source Code

### HTML:

```
<!-- ===== Testimonials Section ===== -->
<section id="testimonials" class="testimonials section-bg">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2> Github Mini-Projects</h2>
    </div>

    <div class="testimonials-slider swiper" data-aos="fade-up" data-aos-
delay="100">
      <div class="swiper-wrapper">

        <div class="swiper-slide">
          <div class="testimonial-item">
            

            <h3>Simulation- Ball Movement</h3>
            <a href="https://github.com/kavineshduraisamy/Simullating-
Ball-Movement.git" class="weekhref" target="_blank">Week - 2</a>
            <p>
              <i class="bx bxs-quote-alt-left quote-icon-left"></i>
              In this Project,the ball move between two fixed positions on
the x-axis and y-axis on the page now have added edge detection and the ball
can bounce between two specific points.
              <i class="bx bxs-quote-alt-right quote-icon-right"></i>
            </p>
          </div>
        </div>
        <!-- End testimonial item -->
        <div class="swiper-slide">
          <div class="testimonial-item">
            

            <h3>Graphic Animaton of Random Walk</h3>
```

```

        <a href="https://github.com/kavineshduraisamy/Graphics-
Animation-Of-The-Random-Walk.git" target="_blank" class="weekhref">Week -
3</a>

        <p>
            <i class="bx bxs-quote-alt-left quote-icon-left"></i>
            The Project is track movement of the Ball.Now that have
created three balls on the screen, it is time to make them move and bounce
when it find edges.
            <i class="bx bxs-quote-alt-right quote-icon-right"></i>
        </p>
    </div>
</div>
<!-- End testimonial item -->
<div class="swiper-slide">
    <div class="testimonial-item">
        
        <h3>PacMan</h3>
        <a
href="https://github.com/kavineshduraisamy/PACMAN.git" target="_blank"
class="weekhref">Week - 4</a>
        <p>
            <i class="bx bxs-quote-alt-left quote-icon-left"></i>
            The project create a one pacman and its detect the screen
edge to the Pac-Man animation.When the pacman detect it's edge it turn back
and move on the screen.
            <i class="bx bxs-quote-alt-right quote-icon-right"></i>
        </p>
    </div>
</div>
<!-- End testimonial item -->
<div class="swiper-slide">
    <div class="testimonial-item">
        
        <h3>Walk Boston Data</h3>
        <a href="#" target="_blank" class="weekhref">Week - 5</a>
        <p>
            <i class="bx bxs-quote-alt-left quote-icon-left"></i>
            Walkboston Data project The project display the top five
earner's names and salaries. That will display all employees who make a
minimum of 200,000 in salary from the walkboston data on the web page.
            <i class="bx bxs-quote-alt-right quote-icon-right"></i>
        </p>
    </div>
</div>
<!-- End testimonial item -->
<div class="swiper-slide">

```

```

        <div class="testimonial-item">
            
            <h3>Word Count</h3>
            <a href="#" target="_blank" class="weekhref">Week - 6</a>
            <p>
                <i class="bx bxs-quote-alt-left quote-icon-left"></i>
                In this project have to print the first three most common
words that appear in a given text.
                <i class="bx bxs-quote-alt-right quote-icon-right"></i>
            </p>
        </div>
    </div>
    <!-- End testimonial item --><div class="swiper-slide">
        <div class="testimonial-item">
            
            <h3>Eye Movement</h3>
            <a href="#" target="_blank" class="weekhref">Week - 7</a>
            <p>
                <i class="bx bxs-quote-alt-left quote-icon-left"></i>
                In this project, eye balls follow the mouse position on the
screen using the mouse events.
                <i class="bx bxs-quote-alt-right quote-icon-right"></i>
            </p>
        </div>
    </div>
    <!-- End testimonial item --><div class="swiper-slide">
        <div class="testimonial-item">
            
            <h3>Map Animation</h3>
            <a href="#" target="_blank" class="weekhref">Week - 8</a>
            <p>
                <i class="bx bxs-quote-alt-left quote-icon-left"></i>
                The project create an animated marker on the map to
highlight the bus routes between MIT and Harvard.
                <i class="bx bxs-quote-alt-right quote-icon-right"></i>
            </p>
        </div>
    </div>
    <!-- End testimonial item -->
</div>
<div class="swiper-pagination"></div>
</div>
</section>
<!-- End Testimonials Section -->

```

## CSS:

```
# Testimonials
-----*/
.testimonials .section-header {
  margin-bottom: 40px;
}
.testimonials .testimonials-carousel,
.testimonials .testimonials-slider {
  overflow: hidden;
}
.testimonials .testimonial-item {
  text-align: center;
}
.testimonials .testimonial-item .testimonial-img {
  width: 120px;
  border-radius: 50%;
  border: 4px solid #fff;
  margin: 0 auto;
}
.testimonials .testimonial-item h3 {
  font-size: 20px;
  font-weight: bold;
  margin: 10px 0 5px 0;
  color: #111;
}
.testimonials .testimonial-item h4 {
  font-size: 14px;
  color: #999;
  margin: 0 0 15px 0;
}
.testimonials .testimonial-item .quote-icon-left,
.testimonials .testimonial-item .quote-icon-right {
  color: #90c8fc;
  font-size: 26px;
}

.testimonials .testimonial-item .quote-icon-left {
  display: inline-block;
  left: -5px;
  position: relative;
}
```

```

.testimonials .testimonial-item .quote-icon-right {
  display: inline-block;
  right: -5px;
  position: relative;
  top: 10px;
}
.testimonials .testimonial-item p {
  font-style: italic;
  margin: 0 auto 15px auto;
}
.testimonials .swiper-pagination {
  margin-top: 20px;
  position: relative;
}
.testimonials .swiper-pagination .swiper-pagination-bullet {
  width: 12px;
  height: 12px;
  background-color: #fff;
  opacity: 1;
  border: 1px solid #032c53;
}
.testimonials .swiper-pagination .swiper-pagination-bullet-active {
  background-color: red;
}
@media (min-width: 992px) {
  .testimonials .testimonial-item p {
    width: 80%;
  }
}
* Testimonials slider
*/
new Swiper('.testimonials-slider', {
  speed: 600,
  loop: true,
  autoplay: {
    delay: 5000,
    disableOnInteraction: false
  },
  slidesPerView: 'auto',
  pagination: {
    el: '.swiper-pagination',
    type: 'bullets',
    clickable: true
  }
});

```

### 3.3 Navigation Bar



Figure- 3.3.1

#### Description:

The figure-3.3.1 are the samples of navigation bar in both desktop View. This was a user-friendly method only, so the user can easily use the features.

## Mobile View Toggle

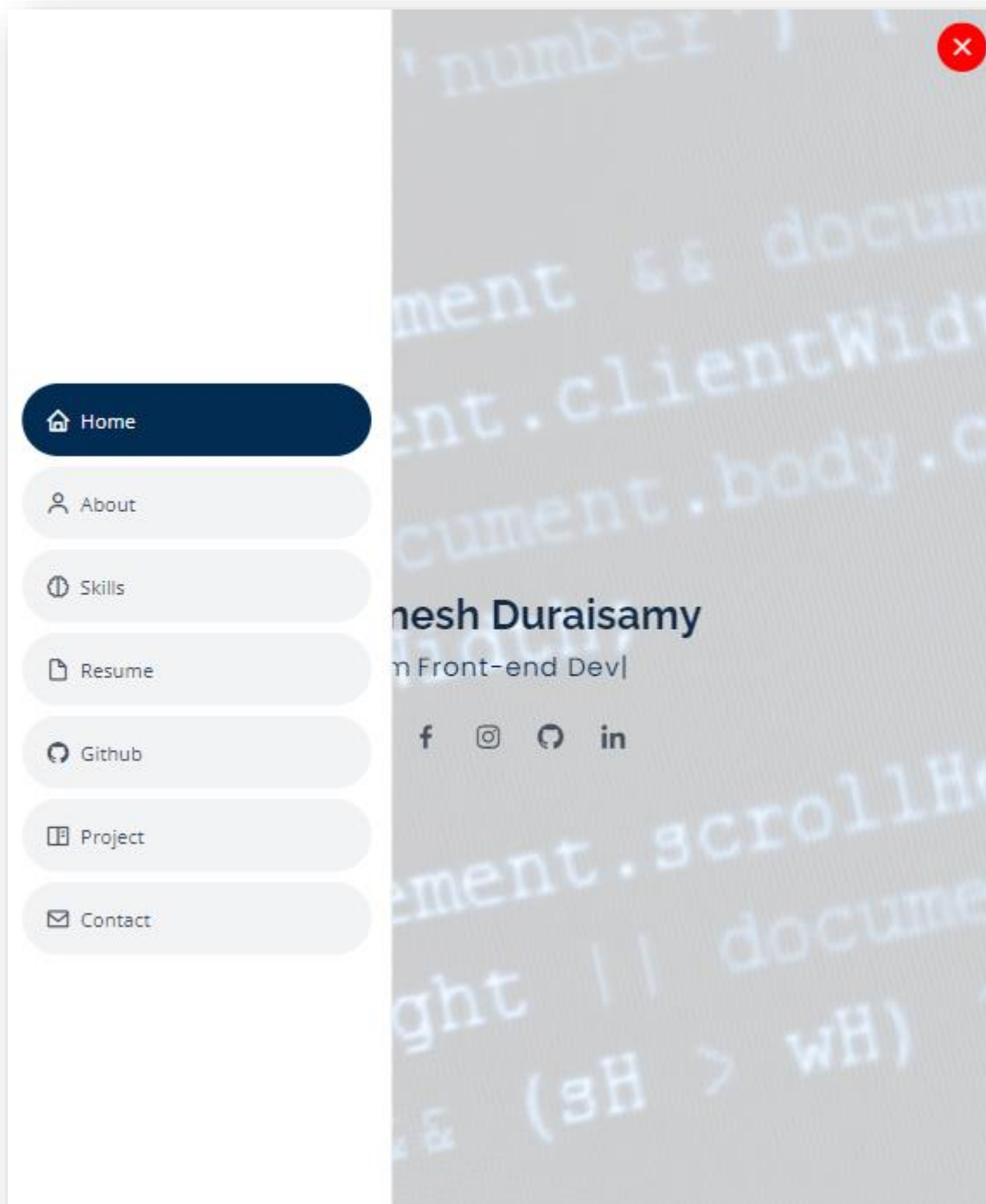


Figure- 3.3.1(mobile view)

## Description:

The figure-3.3.1 are the samples of navigation bar in both mobile View. This was a user-friendly method only, so the user can easily use the features.

## Features:

There are many styles are added. Whenever the user move lists to the navigation bar it will change the color to goldenrod. And also the navigation bar will be stable in the same position, even we switch to any other pages.

## Source Code:

### HTML:

```
<header id="header" class="d-flex flex-column justify-content-center">
  <nav id="navbar" class="navbar nav-menu">
    <ul>
      <li><a href="#hero" class="nav-link scrollto active"><i class="bx bx-home"></i> <span>Home</span></a></li>
      <li><a href="#about" class="nav-link scrollto"><i class="bx bx-user"></i> <span>About</span></a></li>
      <li><a href="#skills" class="nav-link scrollto"><i class="bx bx-brain"></i> <span>Skills</span></a></li>
      <li><a href="#resume" class="nav-link scrollto"><i class="bx bx-file-blank"></i> <span>Resume</span></a></li>
      <li><a href="#services" class="nav-link scrollto"><i class="bx bxl-github"></i> <span>Github</span></a></li>
      <li><a href="#testimonials" class="nav-link scrollto"><i class="bx bx-book-content"></i> <span>Project</span></a></li>
      <li><a href="#contact" class="nav-link scrollto"><i class="bx bx-envelope"></i> <span>Contact</span></a></li>
    </ul>
  </nav>
</header>
<!-- End Header -->
<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex flex-column justify-content-center">
  <div class="container" data-aos="zoom-in" data-aos-delay="100">
    <h1>Kavinesh Duraisamy</h1>
    <p>I'm <span class="typed" data-typed-items="Front-end Developer, Web Developer"></span></p>
```



```

        <div class="social-links">
            <a href="https://twitter.com/thekavin_" class="twitter"
target="_blank"><i class="bx bxl-twitter"></i></a>
            <a href="https://www.facebook.com/Kavineshduraisamy/" class="facebook"
target="_blank"><i class="bx bxl-facebook"></i></a>
            <a href="https://www.instagram.com/thekavin_" class="instagram"
target="_blank"><i class="bx bxl-instagram"></i></a>
            <a href="https://github.com/kavineshduraisamy"
class="github"target="_blank"><i class="bx bxl-github"></i></a>
            <a href="https://www.linkedin.com/in/kavinesh-d-6466a6200/"
class="linkedin" target="_blank"><i class="bx bxl-linkedin"></i></a>
        </div>
    </div>
</section>

```

## CSS

```

# Header
-----*/
#header {
    position: fixed;
    top: 0;
    left: 0;
    bottom: 0;
    z-index: 9997;
    transition: all 0.5s;
    padding: 15px;
    overflow-y: auto;
}

@media (max-width: 991px) {
    #header {
        width: 300px;
        background: #fff;
        border-right: 1px solid #e6e9ec;
        left: -300px;
    }
}

@media (min-width: 991px) {
    #main {
        margin-left: 100px;
    }
}

/*-----

```

```

# Navigation Menu
-----*/
/**
 * Desktop Navigation
 */
.nav-menu {
  padding: 0;
  display: block;
}

.nav-menu * {
  margin: 0;
  padding: 0;
  list-style: none;
}

.nav-menu>ul>li {
  position: relative;
  white-space: nowrap;
}

.nav-menu a,
.nav-menu a:focus {
  display: flex;
  align-items: center;
  color: #45505b;
  padding: 10px 18px;
  margin-bottom: 8px;
  transition: 0.3s;
  font-size: 15px;
  border-radius: 50px;
  background: #f2f3f5;
  height: 56px;
  width: 100%;
  overflow: hidden;
  transition: 0.3s;
}

.nav-menu a i,
.nav-menu a:focus i {
  font-size: 20px;
}

.nav-menu a span,
.nav-menu a:focus span {
  padding: 0 5px 0 7px;
  color: #45505b;
}

```

```

@media (min-width: 992px) {

    .nav-menu a,
    .nav-menu a:focus {
        width: 56px;
    }

    .nav-menu a span,
    .nav-menu a:focus span {
        display: none;
        color: #fff;
    }
}

.nav-menu a:hover,
.nav-menu .active,
.nav-menu .active:focus,
.nav-menu li:hover>a {
    color: #fff;
    background: #032c53;
}

.nav-menu a:hover span,
.nav-menu .active span,
.nav-menu .active:focus span,
.nav-menu li:hover>a span {
    color: #fff;
}

.nav-menu a:hover,
.nav-menu li:hover>a {
    width: 100%;
    color: #fff;
}

.nav-menu a:hover span,
.nav-menu li:hover>a span {
    display: block;
}

/**
 * Mobile Navigation
 */
.mobile-nav-toggle {
    position: fixed;
    right: 10px;
    top: 10px;
}

```

```

    z-index: 9998;
    border: 0;
    background: none;
    font-size: 28px;
    transition: all 0.4s;
    outline: none !important;
    line-height: 0;
    cursor: pointer;
    border-radius: 50px;
    padding: 5px;
}

.mobile-nav-toggle i {
    color: #45505b;
}

.mobile-nav-active {
    overflow: hidden;
}

.mobile-nav-active #header {
    left: 0;
}

.mobile-nav-active .mobile-nav-toggle {
    color: #fff;
    background-color: red;
}

/*-----
# Hero Section
-----*/
#hero {
    width: 100%;
    height: 100vh;
    background: url("../img/else.jpg") top right no-repeat;
    background-size: cover;
    position: relative;
}

@media (min-width: 992px) {
    #hero {
        padding-left: 160px;
    }
}

#hero:before {
    content: "";

```

```

background: rgba(255, 255, 255, 0.8);
position: absolute;
bottom: 0;
top: 0;
left: 0;
right: 0;
}
.resumecourseline{
  text-align: justify;
}

#hero h1 {
  margin: 0;
  font-size: 64px;
  font-weight: 700;
  line-height: 56px;
  /* color: #45505b; */
  color: #142b47;
}

#hero p {
  color: #45505b;
  margin: 15px 0 0 0;
  font-size: 26px;
  font-family: "Poppins", sans-serif;
}

#hero p span {
  color: #032c53;
  letter-spacing: 1px;
}

#hero .social-links {
  margin-top: 30px;
}

#hero .social-links a {
  font-size: 24px;
  display: inline-block;
  color: #45505b;
  line-height: 1;
  margin-right: 20px;
  transition: 0.3s;
}

#hero .social-links a:hover {
  color: #032c53;
}

```

```

@media (max-width: 992px) {
  #hero {
    text-align: center;
  }

  #hero h1 {
    font-size: 32px;
    line-height: 36px;
  }

  #hero p {
    margin-top: 10px;
    font-size: 20px;
    line-height: 24px;
  }
}

```

## JAVASCRIPT

```

* Navbar links active state on scroll
*/

let navbarlinks = select('#navbar .scrollto', true)
const navbarlinksActive = () => {
  let position = window.scrollY + 200
  navbarlinks.forEach(navbarlink => {
    if (!navbarlink.hash) return
    let section = select(navbarlink.hash)
    if (!section) return
    if (position >= section.offsetTop && position <= (section.offsetTop +
section.offsetHeight)) {
      navbarlink.classList.add('active')
    } else {
      navbarlink.classList.remove('active')
    }
  })
}
window.addEventListener('load', navbarlinksActive)
onscroll(document, navbarlinksActive)

* Mobile nav toggle
*/

```

```
on('click', '.mobile-nav-toggle', function(e) {
  select('body').classList.toggle('mobile-nav-active')
  this.classList.toggle('bi-list')
  this.classList.toggle('bi-x')
})
```

### 3.4 Skill Page

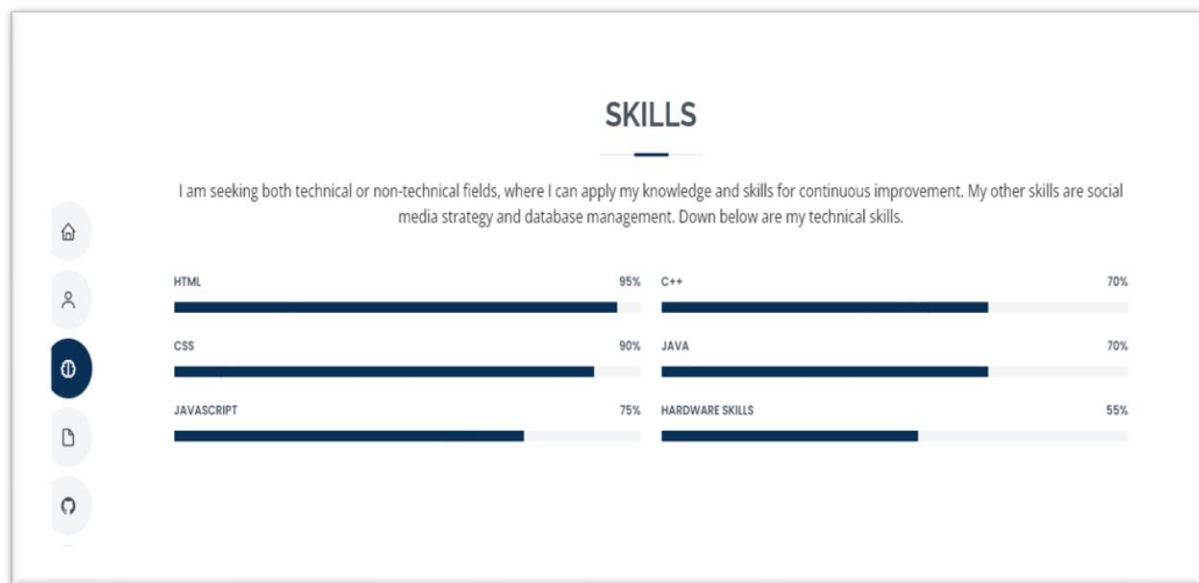


Figure- 3.4.1

#### Description:

The above figures are skill page, which contain a subdivision named PERSONAL SKILLS. Basically, it is an animation, when the user load the page it will load or fill the color in the bar from 0th position.

#### Source Code:

## HTML:

```
<!-- ===== Skills Section ===== -->
<section id="skills" class="skills section-bg">
  <div class="container" data-aos="fade-up">

    <div class="section-title" >
      <h2>Skills</h2>
      I am seeking both technical or non-technical fields, where I can
      apply my knowledge and skills for continuous improvement. My other skills are
      social media strategy and database management. Down below are my technical
      skills.
    </div>

    <div class="row skills-content">

      <div class="col-lg-6">

        <div class="progress">
          <span class="skill">HTML <i class="val">95%</i></span>
          <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="95" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>

        <div class="progress">
          <span class="skill">CSS <i class="val">90%</i></span>
          <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="90" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>

        <div class="progress">
          <span class="skill">JavaScript <i class="val">75%</i></span>
          <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>

      </div>

      <div class="col-lg-6">

        <div class="progress">
          <span class="skill">C++<i class="val">70%</i></span>
```



```

        <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="70" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>

    <div class="progress">
        <span class="skill">JAVA <i class="val">70%</i></span>
        <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="70" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>

    <div class="progress">
        <span class="skill">Hardware Skills<i class="val">55%</i></span>
        <div class="progress-bar-wrap">
            <div class="progress-bar" role="progressbar" aria-
valuenow="55" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>

</div>

</div>

</div>
</section>
<!-- End Skills Section -->

```

## CSS:

```

# Akills
-----*/
.skills .progress {
    height: 60px;
    display: block;
    background: none;
    border-radius: 0;
}

.skills .progress .skill {
    padding: 10px 0;
    margin: 0;
    text-transform: uppercase;

```

```

display: block;
font-weight: 600;
font-family: "Poppins", sans-serif;
color: #45505b;
}

.skills .progress .skill .val {
float: right;
font-style: normal;
}

.skills .progress-bar-wrap {
background: #f2f3f5;
}

.skills .progress-bar {
width: 1px;
height: 10px;
transition: 0.9s;
background-color: #032c53;
}

```

## JAVASCRIPT

```

* Skills animation

*/
let skillsContent = select('.skills-content');
if (skillsContent) {
  new Waypoint({
    element: skillsContent,
    offset: '80%',
    handler: function(direction) {
      let progress = select('.progress .progress-bar', true);
      progress.forEach((el) => {
        el.style.width = el.getAttribute('aria-valuenow') + '%'
      });
    }
  })
}
}

```

## CHAPTER 4

### STYLES SCORE

#### 4.1 Font link

```
<!-- Google Fonts -->
<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
body {
  font-family: "Open Sans", sans-serif;
  color: #272829;
  background-color: #fff;
  text-align: justify;
}

a {
  color: #032c53;
  text-decoration: none;
}

a:hover {
  color: #067ded;
  text-decoration: none;
}

h1,h2,h3,h4,h5,h6 {
  font-family: "Raleway", sans-serif;
}
```

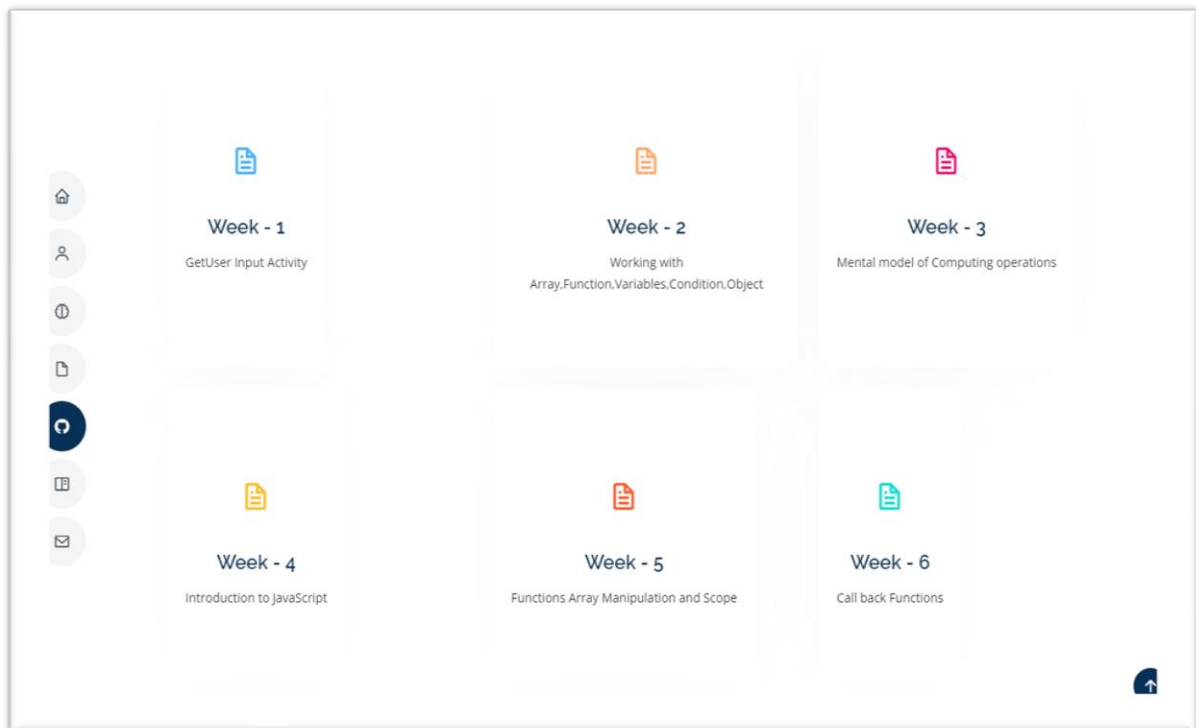
#### 4.2 Style links

```
<!-- Vendor CSS Files -->
<link href="assets/vendor/aos/aos.css" rel="stylesheet">
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!--CSS File -->

<link href="assets/css/style.css" rel="stylesheet">
```

## 4.3. Use of Grid Layout



Source Code:

HTML:

```
<!-- ===== Services Section ===== -->
<section id="services" class="services">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Github</h2>
      <!-- <p>Magnam dolores commodi suscipit. Necessitatibus eius
consequatur ex aliquid fuga eum quidem. Sit sint consectetur velit. Quisquam
quos quisquam cupiditate. Et nemo qui impedit suscipit alias ea. Quia fugiat
sit in iste officiis commodi quidem hic quas.</p> -->
    </div>

    <div class="row">

      <div class="col-lg-4 col-md-6 d-flex align-items-stretch" data-
aos="zoom-in" data-aos-delay="100">
        <div class="icon-box iconbox-blue">
          <div class="icon">
            <svg width="100" height="100" viewBox="0 0 600 600"
xmlns="http://www.w3.org/2000/svg">
```

```

        <path stroke="none" stroke-width="0" fill="#f5f5f5"
d="M300,521.0016835830174C376.1290562159157,517.8887921683347,466.073147200406
8,529.7835943286574,510.70327084640275,468.03025145048787C554.3714126377745,40
7.6079735673963,508.03601936045806,328.9844924480964,491.2728898941984,256.343
2110539036C474.5976632858925,184.082847569629,479.9380746630129,96.60480741107
993,416.23090153303,58.64404602377083C348.86323505073057,18.502131276798302,26
1.93793281208167,40.57373210992963,193.5410806939664,78.93577620505333C130.427
46243093433,114.334589627462,98.30271207620316,179.96522072025542,76.757035858
69454,249.04625023123273C51.97151888228291,328.5150500222984,13.70437833203137
5,421.85034740162234,66.52175969318436,486.19268352777647C119.04800174914682,5
50.1803526380478,217.28368757567262,524.383925680826,300,521.0016835830174"></
path>

        </svg>
        <i class="bx bx-file"></i>
    </div>
    <h4><a href="#">Week - 1</a></h4>
    <p>GetUser Input Activity </p>
</div>
</div>

    <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4 mt-md-
0" data-aos="zoom-in" data-aos-delay="200">
        <div class="icon-box iconbox-orange ">
            <div class="icon">
                <svg width="100" height="100" viewBox="0 0 600 600"
xmlns="http://www.w3.org/2000/svg">
                    <path stroke="none" stroke-width="0" fill="#f5f5f5"
d="M300,582.0697525312426C382.5290701553225,586.8405444964366,449.978979469024
1,525.3245884688669,502.5850820975895,461.55621195738473C556.606425686781,396.
0723002908107,615.8543463187945,314.28637112970534,586.6730223649479,234.56875
336149918C558.9533121215079,158.8439757836574,454.9685369536778,164.0046832205
3177,381.49747125262974,130.76875717737553C312.15926192815925,99.4024012509483
4,248.97055460311594,18.661163978235184,179.8680185752513,50.54337015887873C11
0.5421016452524,82.52863877960104,119.82277516462835,180.83849132639028,109.12
597500060166,256.43424936330496C100.08760227029461,320.3096726198365,92.177056
96193138,384.0621239912766,124.79988738764834,439.7174275375508C164.8338274130
2287,508.01625554203684,220.96474134820875,577.5009287672846,300,582.069752531
2426"></path>

                </svg>
                <i class="bx bx-file"></i>
            </div>
            <h4><a href="#">Week - 2</a></h4>
            <p>Working with Array,Function,Variables,Condition,Object</p>
        </div>
    </div>

    <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4 mt-lg-
0" data-aos="zoom-in" data-aos-delay="300">

```

```

        <div class="icon-box iconbox-pink">
            <div class="icon">
                <svg width="100" height="100" viewBox="0 0 600 600"
xmlns="http://www.w3.org/2000/svg">
                    <path stroke="none" stroke-width="0" fill="#f5f5f5"
d="M300,541.5067337569781C382.14930387511276,545.0595476570109,479.87368415816
34,548.3450877840088,526.4010558755058,480.5488172755941C571.5218469581645,414
.80211281144784,517.5187510058486,332.0715597781072,496.52539010469104,255.144
36215662573C477.37192572678356,184.95920475031193,473.57363656557914,105.61284
051026155,413.0603344069578,65.22779650032875C343.27470386102294,18.6546355534
84475,251.2091493199835,5.337323636656869,175.0934190732945,40.62881213300186C
97.87086631185822,76.43348514350839,51.98124368387456,156.15599469081315,36.44
837278890362,239.84606092416172C21.716077023791087,319.22268207091537,43.77522
3500013084,401.1760424656574,96.891909868211,461.97329694683043C147.2214680142
8983,519.5804099606455,223.5754009179313,538.201503339737,300,541.506733756978
1"></path>
                </svg>
                <i class="bx bx-file"></i>
            </div>
            <h4><a href="#">Week - 3</a></h4>
            <p>Mental model of Computing operations</p>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4" data-
aos="zoom-in" data-aos-delay="100">
        <div class="icon-box iconbox-yellow">
            <div class="icon">
                <svg width="100" height="100" viewBox="0 0 600 600"
xmlns="http://www.w3.org/2000/svg">
                    <path stroke="none" stroke-width="0" fill="#f5f5f5"
d="M300,503.46388370962813C374.79870501325706,506.71871716319447,464.803455196
3731,527.1746412648533,510.4981551193396,467.86667711651364C555.9287308511215,
408.9015244558933,512.6030010748507,327.5744911775523,490.211057578863,256.585
5673507754C471.097692560561,195.9906835881958,447.69079081568157,138.119768529
64426,395.19560036434837,102.3242989838813C329.3053358748298,57.3949838291264,
248.02791733380457,8.279543830951368,175.87071277845988,42.242879143198664C103
.41431057327972,76.34704239035025,93.79494320519305,170.9812938413882,81.28167
332365135,250.07896920659033C70.17666984294237,320.27484674793965,64.846982257
90005,396.69656628748305,111.28512138212992,450.4950937839243C156.201241679500
87,502.5303643271138,231.32542653798444,500.4755392045468,300,503.463883709628
13"></path>
                </svg>
                <i class="bx bx-file"></i>
            </div>
            <h4><a href="#">Week - 4</a></h4>
            <p>Introduction to JavaScript</p>
        </div>
    </div>

```

```

<div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4" data-
aos="zoom-in" data-aos-delay="200">
  <div class="icon-box iconbox-red">
    <div class="icon">
      <svg width="100" height="100" viewBox="0 0 600 600"
xmlns="http://www.w3.org/2000/svg">
        <path stroke="none" stroke-width="0" fill="#f5f5f5"
d="M300,532.3542879108572C369.38199826031484,532.3153073249985,429.10787420159
085,491.63046689027357,474.5244479745417,439.17860296908856C522.8885846962883,
383.3225815378663,569.1668002868075,314.3205725914397,550.7432151929288,242.76
94973846089C532.6665558377875,172.5657663291529,456.2379748765914,142.62236620
98291,390.3689995646985,112.34683881706744C326.66090330228417,83.0645218476523
7,258.84405631176094,53.51806209861945,193.32584062364296,78.48882559362697C12
1.61183558270385,105.82097193414197,62.805066853699245,167.19869350419734,48.5
7481801355237,242.6138429142374C34.843463184063346,315.3850353017275,76.693439
16112496,383.4422959591041,125.22947124332185,439.3748458443577C170.7312796277
747,491.8107796887764,230.57421082200815,532.3932930995766,300,532.35428791085
72"></path>
      </svg>
      <i class="bx bx-file"></i>
    </div>
    <h4><a href="#">Week - 5</a></h4>
    <p>Functions Array Manipulation and Scope</p>
  </div>
</div>
<div class="col-lg-4 col-md-6 d-flex align-items-stretch mt-4" data-
aos="zoom-in" data-aos-delay="300">
  <div class="icon-box iconbox-teal">
    <div class="icon">
      <svg width="100" height="100" viewBox="0 0 600 600"
xmlns="http://www.w3.org/2000/svg">
        <path stroke="none" stroke-width="0" fill="#f5f5f5"
d="M300,566.797414625762C385.7384707136149,576.1784315230908,478.7894351017131
,552.8928747891023,531.9192734346935,484.94944893311C584.6109503024035,417.566
3521118492,582.489472248146,322.67544863468447,553.9536738515405,242.036731145
98146C529.1557734026468,171.96086150256528,465.24506316201064,127.664686363442
09,395.9583748389544,100.7403814666027C334.2173773831606,76.7482773500951,269.
4350130405921,84.62216499799875,207.1952322260088,107.2889140133804C132.920181
62631612,134.33871894543012,41.79353780512637,160.00259165414826,22.6445078725
94943,236.69541883565114C3.319112789854554,314.0945973066697,72.72355303640163
,379.243833228382,124.04198916343866,440.3218312028393C172.9286146004772,498.5
055451809895,224.45579914871206,558.5317968840102,300,566.797414625762"></path>
      </svg>
      <i class="bx bx-file"></i>
    </div>
    <h4><a href="#">Week - 6</a></h4>
    <p>Call back Functions</p>
  </div>
</div>

```

```

        </div>
    </div>
</div>
</div>
</section>
<!-- End Services Section -->

```

CSS:

```

# Services
-----*/

.services .icon-box {
    text-align: center;
    padding: 70px 20px 80px 20px;
    transition: all ease-in-out 0.3s;
    background: #fff;
    border-radius: 5%;
    box-shadow: 0px 5px 90px 0px rgba(110, 123, 131, 0.05);
}

.services .icon-box .icon {
    margin: 0 auto;
    width: 100px;
    height: 100px;
    display: flex;
    align-items: center;
    justify-content: center;
    transition: ease-in-out 0.3s;
    position: relative;
}

.services .icon-box .icon i {
    font-size: 36px;
    transition: 0.5s;
    position: relative;
}

.services .icon-box .icon svg {
    position: absolute;
    top: 0;
    left: 0;
}

.services .icon-box .icon svg path {
    transition: 0.5s;
    fill: #fff;
}

```



```

.services .icon-box h4 {
  font-weight: 600;
  margin: 10px 0 15px 0;
  font-size: 22px;
}

.services .icon-box h4 a {
  color: #0c2c4d;
  transition: ease-in-out 0.3s;
}

.services .icon-box p {
  line-height: 24px;
  font-size: 14px;
  margin-bottom: 0;
}

/* .services .icon-box:hover {
  border-color: #f5f5f5;
  box-shadow: 0px 0 35px 0 rgba(0, 0, 0, 0.08);
} */

.services .iconbox-blue i {
  color: #47aeff;
}

.services .iconbox-blue:hover .icon i {
  color: #fff;
}

.services .iconbox-blue:hover .icon path {
  fill: #47aeff;
}

.services .iconbox-orange i {
  color: #ffa76e;
}

.services .iconbox-orange:hover .icon i {
  color: #fff;
}

.services .iconbox-orange:hover .icon path {
  fill: #ffa76e;
}

.services .iconbox-pink i {

```

```

    color: #e80368;
}

.services .iconbox-pink:hover .icon i {
    color: #fff;
}

.services .iconbox-pink:hover .icon path {
    fill: #e80368;
}

.services .iconbox-yellow i {
    color: #ffbb2c;
}

.services .iconbox-yellow:hover .icon i {
    color: #fff;
}

.services .iconbox-yellow:hover .icon path {
    fill: #ffbb2c;
}

.services .iconbox-red i {
    color: #ff5828;
}

.services .iconbox-red:hover .icon i {
    color: #fff;
}

.services .iconbox-red:hover .icon path {
    fill: #ff5828;
}

.services .iconbox-teal i {
    color: #11dbcfc;
}

.services .iconbox-teal:hover .icon i {
    color: #fff;
}

.services .iconbox-teal:hover .icon path {
    fill: #11dbcfc;
}

```

## CHAPTER 5

Website include the following Information

5.1 project links to GitHub:

### **Project-1**

**Title:** SIMULATION BALL MOVEMENT

Link: <https://github.com/kavineshduraisamy/Simulating-Ball-Movement.git>

#### **➤ Project Description:**

This project has a simple green color ball, which will move from top to bottom and bottom to top, like bouncing from between the x and y axis. It will repeat this process whenever we load the page. The ball is created by HTML, CSS. And making the ball to do some event by JAVASCRIPT

### **Project-2**

**Title:** GRAPHIC ANIMATION OF THE RANDOM WALK

Link: <https://github.com/kavineshduraisamy/Graphics-Animation-Of-The-RandomWalk.git>

#### **➤ Project Description:**

This was a graphic animation of the random ball using plain JavaScript. Drawing in HTML Canvas, also plain CSS is used. The balls will bounce randomly within the box.

## **PROJECT 3**

**Title:** PACMAN MOVEMENT

Link: <https://github.com/kavineshduraisamy/PACMAN.git>

### **➤ Project Description:**

In Simulation scheduler a Pac-man in made to move is fixed direction and with a fixed velocity. It will move from the one place of the browser to the end of the screen.

## **PROJECT-4**

**Title:** BOSTON CITY DATA

Link: <https://github.com/kavineshduraisamy/Boston-City-Data.git>

### **➤ Project Description:**

The walk Boston shows the top five earning employees and the details of the employees by JAVASCRIPT. So through this we can identify and filter the top values from the n number of data's.

## **PROJECT-5**

**Title:** WORD COUNT

Link: <https://github.com/kavineshduraisamy/Word-Count.git>

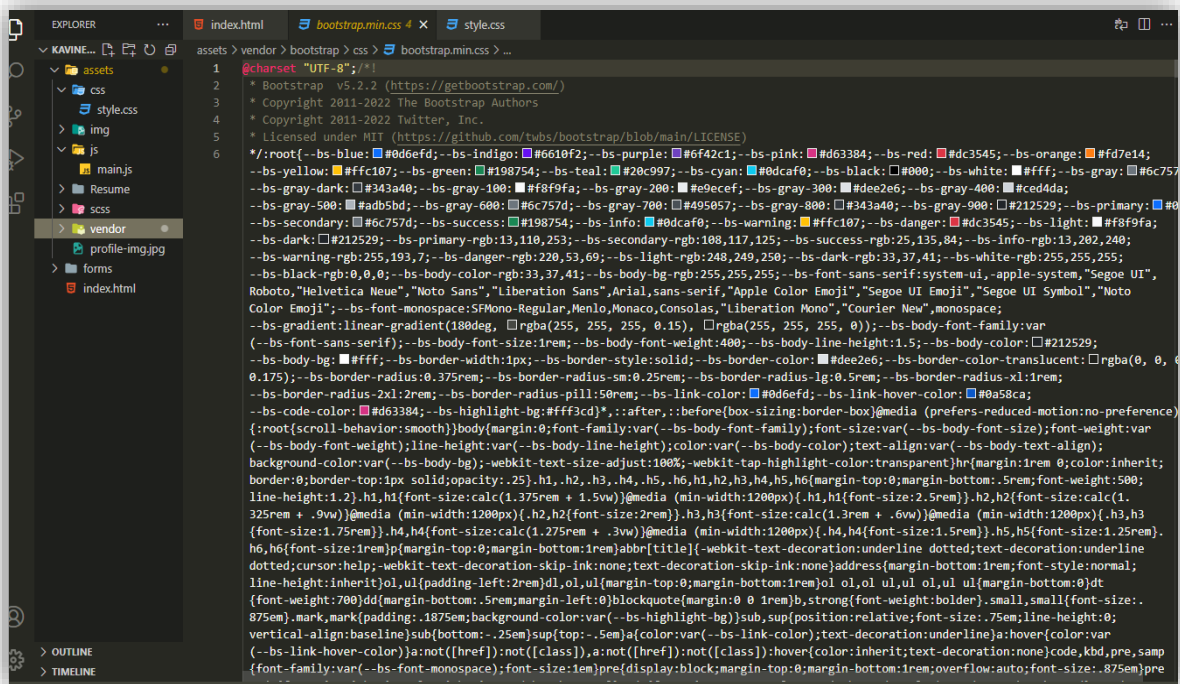
### **➤ Project Description:**

In this exercise, we can count the words that how many time it take place in the paragraph. And also it will display the top 3 repeated words.

# CHAPTER 6

## Bootstrap

### 6.1 Use bootstrap



### Bootstrap Links

```
<!-- Vendor CSS Files -->
<link href="assets/vendor/aos/aos.css" rel="stylesheet">
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">
```

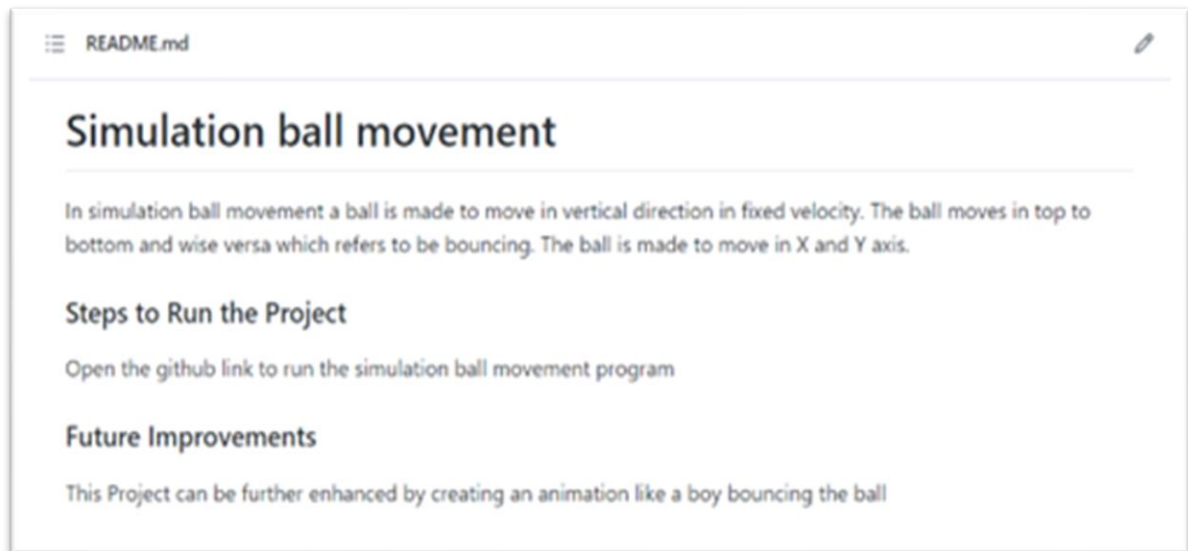
**DESCRIPTION:** I have used bootstrap in this website. Which was a built in CSS file, so we can use it to reduce our time and also it carries a (N) number of designs. So, I had linked them to the code in HTML.

## CHAPTER 7

Project README (Description, steps to run, future improvement)

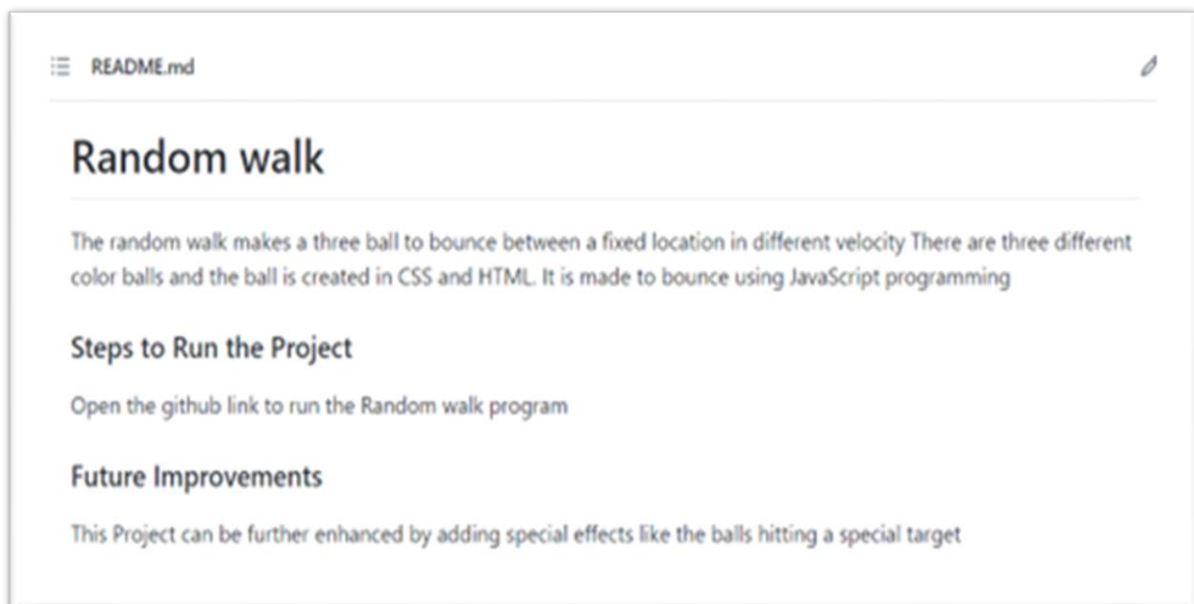
### ➤ PROJECT 1

Simulation ball movement



### ➤ PROJECT 2

Graphics Animation Of Random Walk



## ➤ PROJECT 3

### PacMan

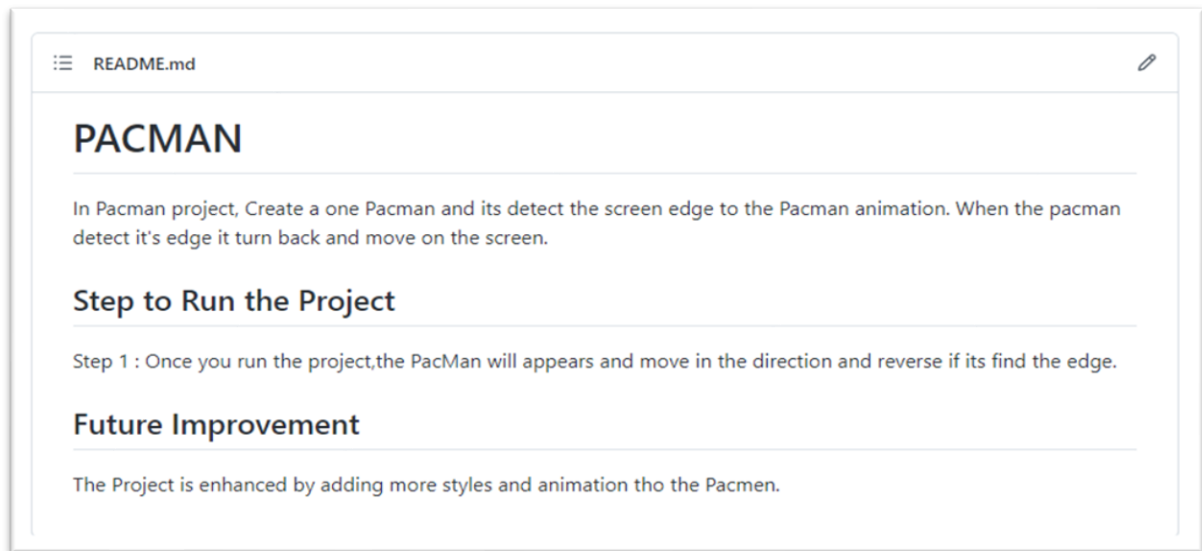


Figure 7.1.3

## ➤ PROJECT 4

### Boston city Data

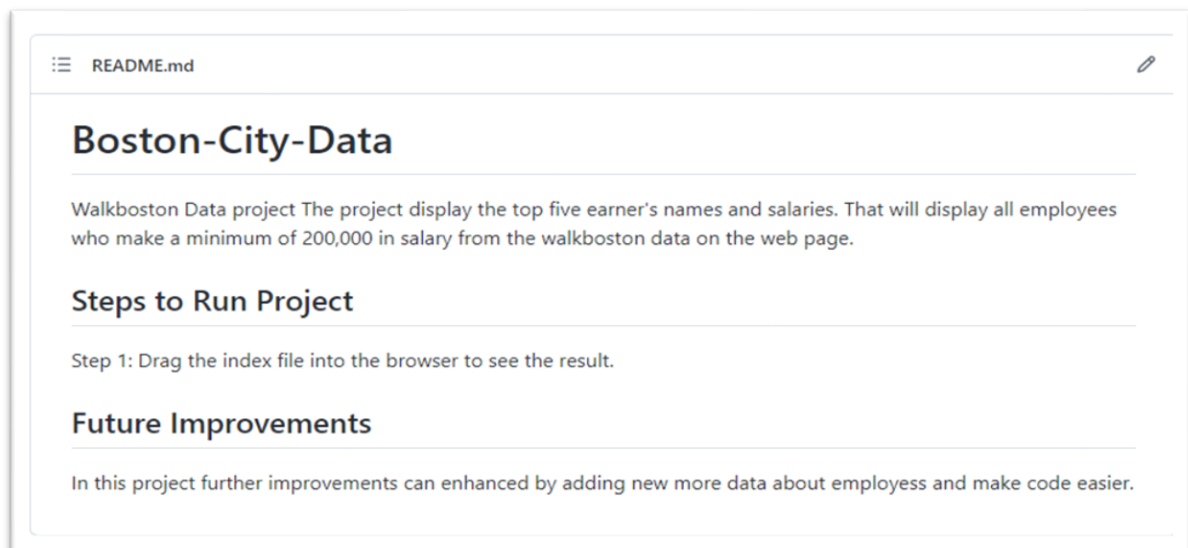


Figure 7.1.4

## ➤ PROJECT 5

### Word Count

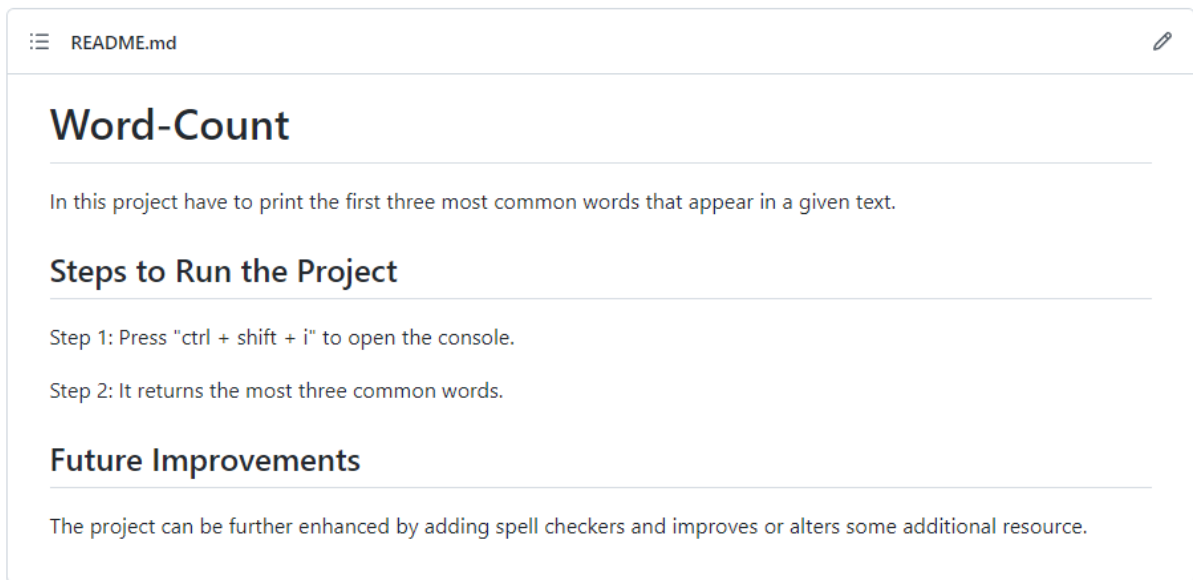


Figure 7.1.5

### Description:

The above figures 7.1.1, 7.1.2, 7.1.3, 7.1.4, 7.1.5, are the screenshot of project README files (Description, steps to run, future improvement) in a desktop view.



## Chapter-8

### File structure

#### 8.1 GitHub file structure

Task- 1 file structure:

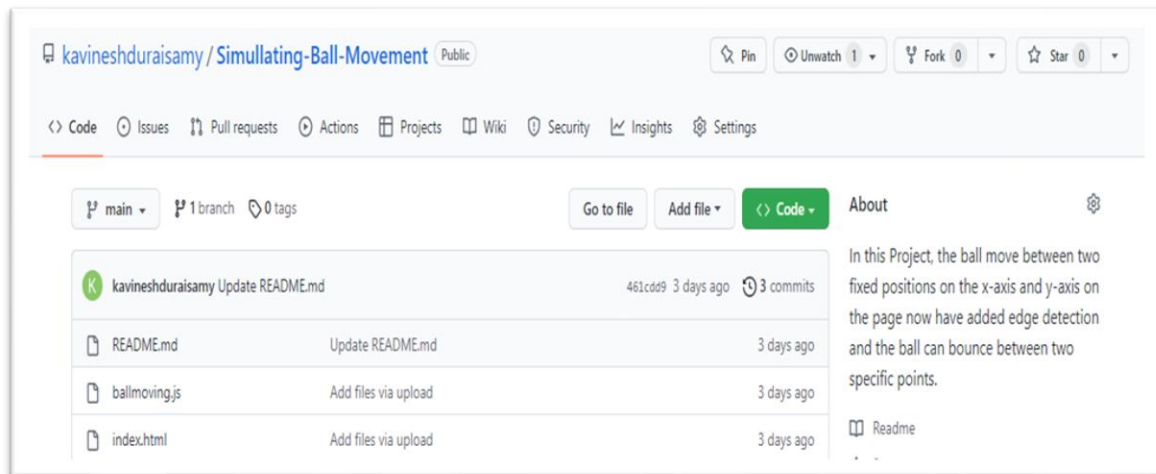


Figure 8.1.1

Task- 2 file structure:

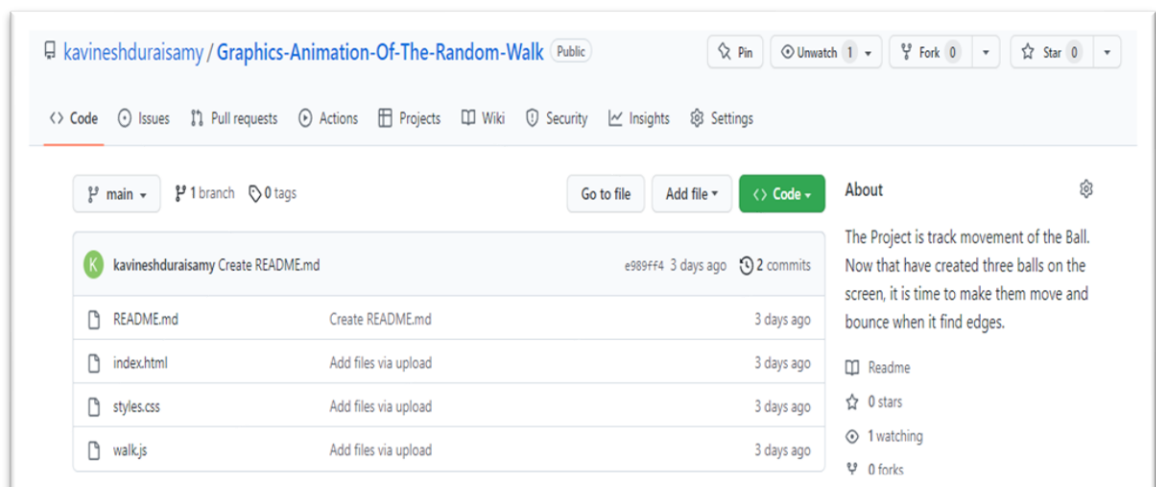


Figure 8.1.2

### Task- 3 file structure:

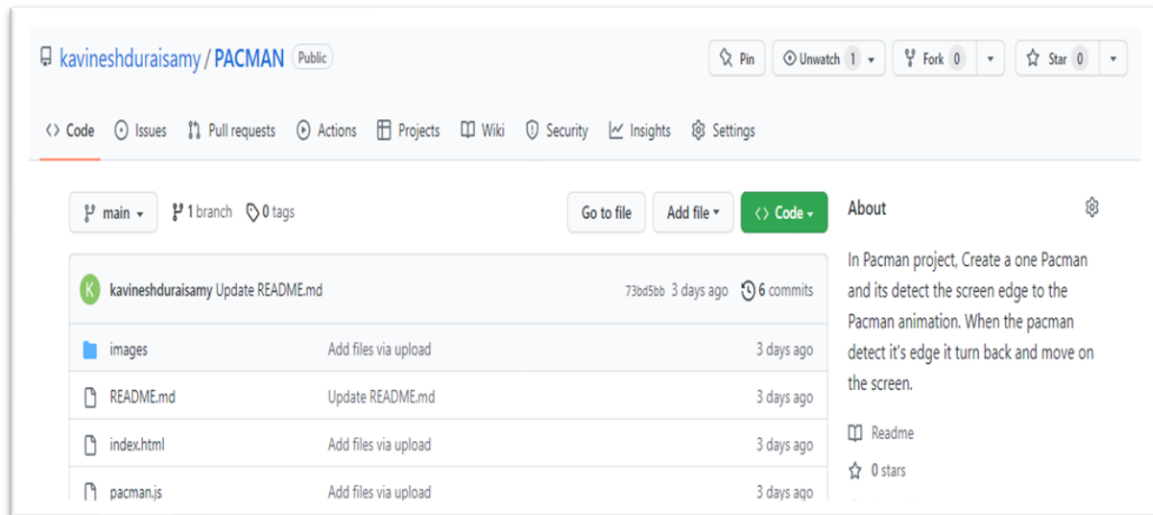


Figure 8.1.3

### Task- 4 file structure:

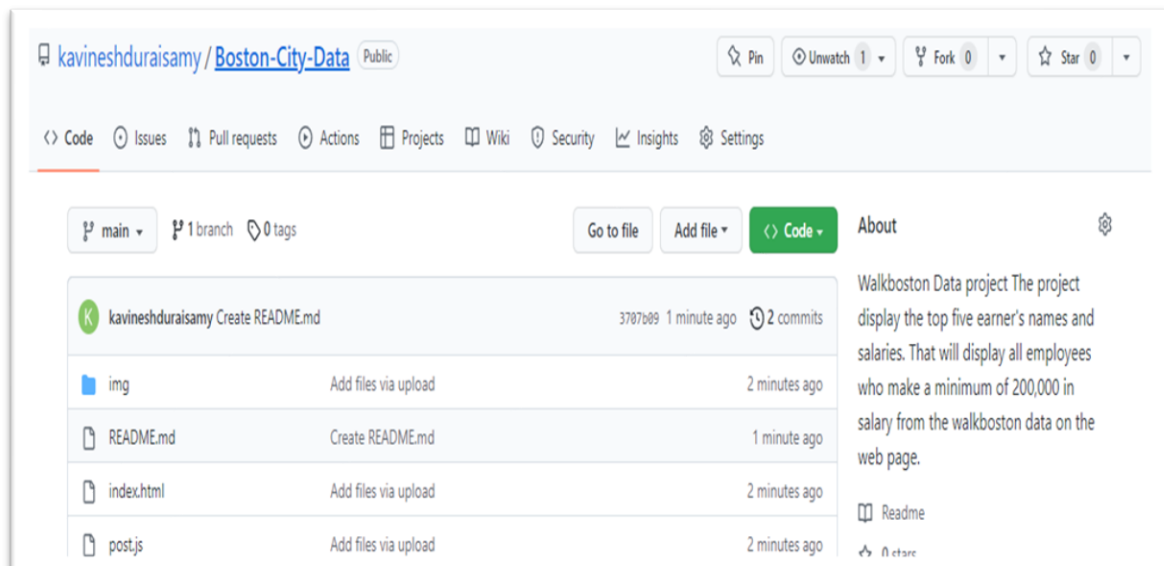


Figure 8.1.4

## Task-5 file structure:

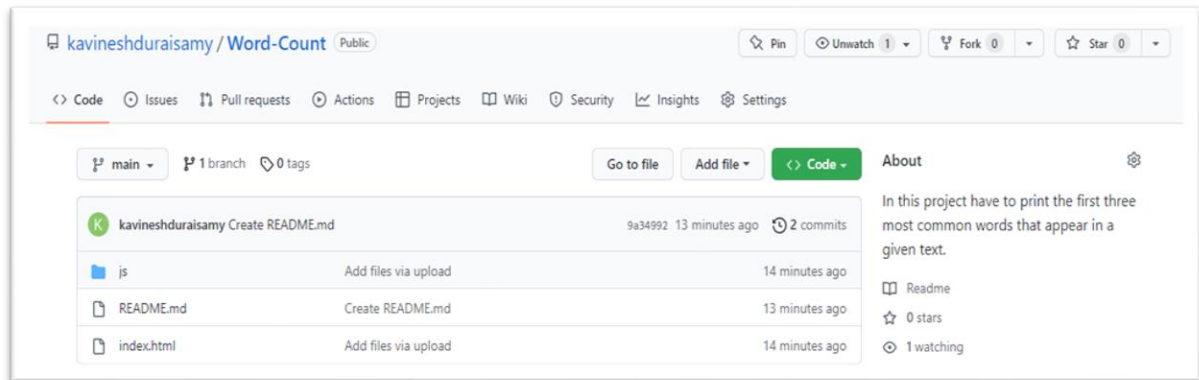


Figure 8.1.5

## Description:

The above figures 8.1.1, 8.1.2, 8.1.3, 8.1.4, 781.5, are the screenshot of project GitHub file structure in a desktop view.