

# PROJECT REPORT

On

## **“ PORTFOLIO WEBSITE DEVELOPMENT ”**

SUBMITTED IN PARTIAL FULFILLMENT OF THE

REQUIREMENTS FOR THE AWARD OF

INTERNSHIP CERTIFICATE

IN

COMPUTER TECHNOLOGY



SUBMITTED TO COINCENT

SUBMITTED BY

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## **ABSTRACT**

In short, you need a portfolio to showcase your work. Whether you are an individual, a small group of two or a company of ten, it is important to have unique Internet access. A website portfolio helps you stand out, show your uniqueness, build trust and ensure others find you. In certain industries, a website portfolio is more important than others. If you find yourself in any of the following, it's safe to assume that you need a portfolio like a book needs words:

Having your own website means that customers will always find you and be interested in contacting you. If you don't have a web presence today, you're behind the times. Portfolio is a great way for photographers, designers, developers and artists of all kinds to showcase their work online. It allows you to reflect your identity in your work - photos, graphic design, sketches, etc. It's time to roll up your sleeves! Today we will cover the topic of portfolios and which industry experts should be using them. Learn how to create a beautiful website that uniquely showcases your work and its importance. You want visitors and potential clients to remember you for their next project.

## LITRETURE REVIEW

It provides a comprehensive overview of the portfolio management literature to achieve the main objective of building an investment portfolio based on the characteristics of institutional investors. The study of literature is divided into several areas. First, introducing the rationale for setting an investment target and developing the Markowitz mean-variance model. Second, the benefits of diversification. Third, based on theories to determine the value of the utility function and its risk aversion parameter, finding and evaluating the optimal portfolio based on individual investment goals, risk appetite and nationalized traffic restrictions. Investment groups in China in 2018. In addition, there are strategies to evaluate the performance of this company's investment portfolio. Finally, this section also focuses on the basic considerations of an alpha strategy for hedging risk. Through a systematic analysis of the existing literature, this review aims to identify key elements that contribute to effective portfolios and their impact on personal branding, professional growth and online presence.

### -]Portfolio development:

The evolution of portfolios has been traced from traditional physical portfolios to their digitized forms. The advent of the Internet and the development of Web technology led to the rise of dynamic and interactive portfolios. This section discusses how the shift to online portfolios has expanded the opportunities for individuals to reach a wider audience and interact with potential employers or clients.

-]Importance and Advantages of Portfolio Networks: Academics and experts emphasize the importance of portfolios as effective tools to promote personal branding and professional growth. By creating a visually appealing and accessible online presence, individuals can effectively highlight their expertise, past projects, and future endeavors. Additionally, portfolios facilitate networking and collaboration within the professional community.

-]Design and User Experience (UX): This section focuses on the important role of design and user experience in portfolios. Research highlights the impact of intuitive navigation, aesthetically pleasing layout and user-friendly interfaces on visitor engagement and overall perception of an individual's work. The review also considers the importance of minimalist design and balance between images and content.

-]Content curation and narrative structure: Effective portfolios present content in a curated and cohesive way to create compelling stories about individual work. Researchers explore strategies for organizing projects, incorporating case studies and using storytelling techniques to engage and engage audiences.

-]Setting up target groups: Different portfolios serve specific target groups, such as potential employers, clients or business partners. This section discusses the importance of tailoring your content, tone, and presentation to meet the preferences and requirements of your target audience.

-]Integration of multimedia elements: The effect of using multimedia elements such as images, videos, audio and interactive features in portfolios is investigated. Research shows how the strategic integration of multimedia can improve user experience, demonstrate versatility, and provide a holistic picture of an individual's abilities and achievements.

-]Search engine optimization (SEO) and web presence: Researchers are investigating the importance of SEO in portfolios to improve online visibility and findability. Implementing SEO strategies such as keyword optimization, meta tags and links can improve a website's position in search results, increasing exposure to potential employers and clients.

-]Mobile Responsiveness and Accessibility: As mobile devices become more common, portfolios discuss the importance of mobile responsiveness. In addition, the review addresses the need to adhere to web accessibility standards so that all users, including those with disabilities, can seamlessly access and interact with content.

## REVIEW SUMMARY

In this walkthrough, we'll explore how to create a portfolio website using HTML and CSS. A website is a powerful tool for individuals to showcase their skills, projects and achievements to a global audience. Using HTML and CSS, web developers can create visually appealing, responsive and user-friendly websites that effectively communicate an individual's professional identity.

Basic elements:

HTML Structure: HTML provides the foundation for the structure of a portfolio website. Developers use HTML tags to organize content, create sections for projects, and add headings, paragraphs, and lists to present information in a structured way. CSS Style: CSS is essential in designing the visual appearance of a portfolio website. It allows developers to apply custom styles such as fonts, colors, borders and padding to improve the overall aesthetics of a website.

Responsiveness: Ensuring that your portfolio website is responsive is very important as it ensures a smooth user experience across all devices such as desktops, tablets and smartphones. Using CSS tools, developers can adapt the look and feel of a website to different screen sizes.

Navigation: Effective navigation is essential for a portfolio website so that users can easily explore different sections and projects. HTML and CSS are used to create navigation menus, links and buttons, providing a user-friendly experience.

Content Presentation: Using HTML elements such as headings, paragraphs, and images, developers can effectively present design details and information. CSS styling improves the presentation of content by making it visually interesting and attractive.

Image gallery: a portfolio often includes an image gallery to visually showcase the project. HTML and CSS allow developers to create responsive and visually appealing image grids or carousels. Contact Form: HTML forms can be integrated to allow visitors to contact a person or provide feedback. CSS styling ensures that the contact form matches the design theme of the website.

Portfolio Grid: Creating a portfolio using HTML and CSS helps organize and present projects in a visually cohesive way. The grid layout allows for consistency and easy navigation.

## OBJECTIVES

A basic portfolio website template includes a logo, tagline, your best work, and contact information. Sometimes it works, but in many cases it is a poor implementation. If you want to make your portfolio stand out in a different light, consider adding other key elements that enhance the user experience of your portfolio: case studies, testimonials, a blog, and even a project you're currently working on. These are important elements. When working on the design of your portfolio, think about the elements that your future customers should find. Ask yourself - what is the purpose of your portfolio? Are you looking to sell your services, looking for work and looking to hire, or is this the site for you? The main focus of your portfolio should be to capture the attention of your visitors, and the following elements will help you do just that.

The purpose of creating an HTML and CSS website is to create a professional online presence and showcase your skills, achievements and projects to potential employers, clients or partners. A well-designed and user-friendly portfolio website acts as a personal platform where you can showcase your knowledge and creativity in a visually appealing way. The main objectives are:

Self-branding: Create a unique and engaging online identity that reflects your personal brand, professional values and creative style. A website should effectively communicate your skills, qualifications and passion for your chosen field.

Work Presentation: Showcase a variety of projects, work, and accomplishments that highlight your talents and expertise. Organize your content clearly and logically so visitors can navigate your portfolio.

User experience: Create an intuitive and friendly interface to ensure a smooth and engaging experience for visitors. The website layout should be visually appealing, while the navigation should be simple and logical.

Mobile Responsiveness: Optimize your website to be fully responsive on all devices and make sure it looks and works well on desktop, laptop, tablet and mobile. Mobile responsive design improves accessibility and expands your potential audience. Visual appeal: Use CSS to improve the aesthetics of a website by making it visually appealing and eye-catching. Thoughtful use of colors, fonts and layout contribute to a professional and polished look.

Content Curator: Curate and present your work in a coherent and compelling manner. Tell the story of your journey, skills and achievements to leave a lasting impression on your visitors.

SEO Optimization: Apply basic search engine optimization (SEO) techniques to improve your website's visibility in search engines. Use relevant keywords, meta tags and clean URLs to improve the chances of potential employers or clients finding your website.

Accessibility: Ensure that the website is accessible to all users, including those with disabilities. Adhere to web accessibility standards to accommodate users who use assistive technologies such as screen readers.

Contact and Network: Provide clear and easily accessible contact information to encourage potential employers or clients to contact you easily. Also add links to your professional social media profiles or LinkedIn to expand your network and increase your opportunities.

Continuous Improvement: Update and improve your portfolio regularly as you complete new projects or gain more experience. Keeping your website up to date shows your commitment to professional growth and development.

## DESIGN FLOW

Design and Research: Before diving into design, define your goals and target audience. Look at other flow portfolios for inspiration and identify the design elements you want.

Choose a platform: Choose a website builder or content management system that fits your needs and expertise. Popular platforms include WordPress, Squarespace, Wix or Webflow.

Domain name and hosting: Buy a domain name that matches your brand or name. Choose a reliable hosting provider to ensure that your website is accessible to visitors.

Design style and branding: Choose a design style that complements your work. Create a unified brand identity with a logo, color scheme and typography.

Homepage: Create an engaging and visually appealing homepage that showcases your best work. Use high-quality images or videos to capture the attention of your visitors.

Portfolio Sections: Organize your work into different categories or sections based on the type of project you want to showcase (eg web design, branding, illustration).

Project pages: Design individual design pages with a focus on storytelling. Include project descriptions, images, videos, sketches and other relevant information about your creative process.

Navigation and user experience: Ensure intuitive navigation with a clear and friendly menu. Add a sticky menu or a backup button to make browsing easier. About me page:

Create an "About" page that introduces yourself, your background and your passion for design. Add a professional photo to add personality.

Contact page: Provide a separate "Contact" page with links to your email address, contact form and social media profiles.

Experiences and clients: Showcase the experiences of satisfied customers to build trust. Display logos of well-known clients or companies you've worked with. Blog (optional):

If you like to write or want to share design expertise, add a blog section where you can post articles related to your field.



### Responsive Design:

Make sure your website is responsive and adapts perfectly to different devices such as desktops, tablets and smartphones.

### Optimizing Download Speed:

Optimize images and minify code to improve your site's loading speed. If your site loads quickly, visitors are more likely to stay here.

### SEO Optimization:

Implement SEO best practices such as using relevant keywords in content, meta tags and image descriptions to improve your website's search engine visibility. Freedom:

Make sure your website meets accessibility standards so that it is accessible to all users, including those with disabilities.

### Social media integration:

Add social media icons or links that direct visitors to your profiles on platforms like Behance, Dribbble, LinkedIn or Instagram.

### Testing:

Carefully test your website on different browsers and devices to make sure it works properly and looks attractive.

### Bring to markets:

When you're happy with the design and functionality, launch your traffic portfolio website and start sharing it with your network.

## METHODOLOGY

1.Designing Front-End of the Website:-Front-end of the website will be created using HTML for Styling the Page with its layout structure. And Dynamic images which will be Handled by Admins.

2.Designing Back-End of the website:-Back end of the website is created using Any website that needs registration, posting, storage of data, and more will need a backend system. you will also need a server-side programming language like CSS etc. for server-side logic.

3.Designing Database:-The websites I have built for other people all use a database because they need to handle user data and dynamically generate content. My portfolio doesn't have to do any of that, so I don't need a database.

4.Coding and Implementing Front-End:-After doing all the Brain Storming for the designing and implementation of multiple new Technologies it's Time to Code All web pages, And basic functionality. In simple terms we are creating body of our website.

5.Coding and Implementing Back-End:-After creating body of our website, it's time to give it a brain. So, it can function. Right? The Back-end includes parts like Coding admin Dashboard, Cart system, User Interactions such as button actions and Behavior etc.

6.Preparing a Report :-After developing our beautiful, WELL FUNTIONING website it's time to inform guide and Sponsors (if any) How our project has grown upon us via providing a Report. The report will include all the details of the website its functioning in layman's language. And how to use them.

# **Proposed Work**

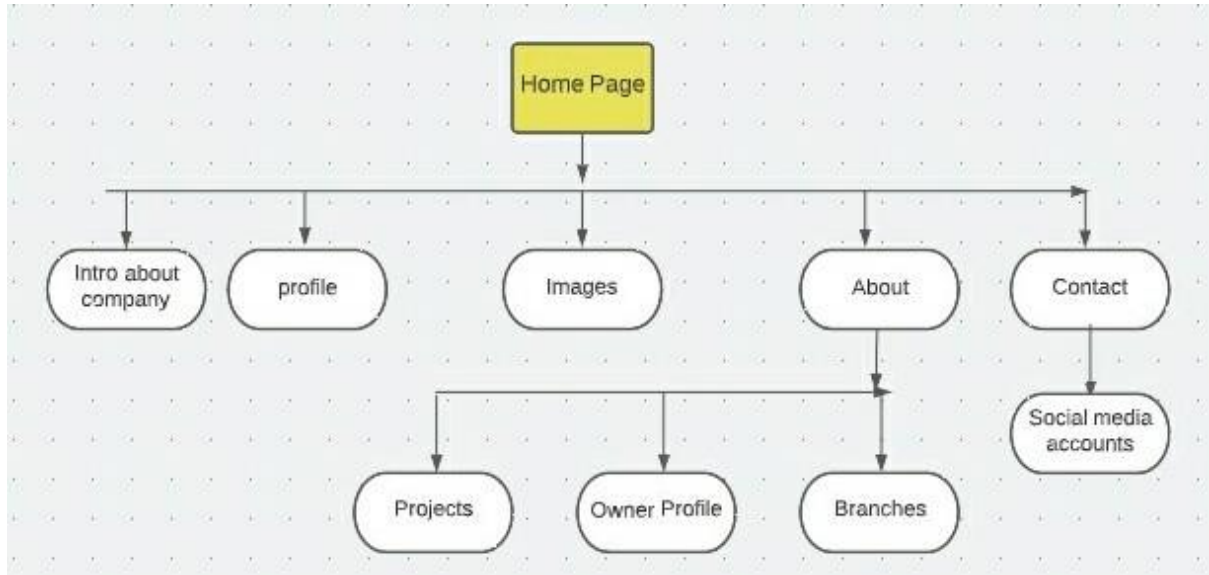
## **Hardware Requirements:**

- Intel i5 11<sup>th</sup> Gen.
- 8GB Ram DDR4
- 1TB Hard Disk
- 4GB GPU Nvidia GTX 1050TI

## **Software Requirements:**

- HTML Editor
- Web Browsers
- CSS Editor
- Visual Studio Code

## DATA FLOW DIAGRAM



## CONCLUSION

Creating a resume portfolio website is an innovative way to showcase your problem-solving skills, critical thinking, and the impact of your work. This type of website is especially useful for professionals who want to highlight the results of their projects, research or initiatives. Below are the key steps to developing a compelling closing portfolio:

Set the scope: Define the scope of your finding portfolio website. Decide what projects or initiatives you want to showcase and what findings or results to highlight.

Choose a platform: Choose a website building platform or content management system that meets your needs and offers the flexibility to present your findings effectively. Consider options like WordPress, Squarespace or custom coding.

Domain name and hosting: Choose a domain name that fits your personal brand or the central theme of your portfolio. Buy hosting to make your website available online.

Introduction and Context: Provide an introductory section that explains the purpose and focus of your portfolio. Provide context about your background and projects that visitors can expect.

Presentation of the project: Organize your projects or initiatives into separate sections or categories. For each project, present a brief summary of the problem, the approach used and the main results or conclusions.

Visual presentation: Use graphs, charts, infographics, or other visual elements to effectively present your findings. Visuals can make complex information more accessible and interesting.

Evidence and implications: If possible, support your conclusions with evidence and data. Emphasize the importance and impact of your findings on the projects or industries you have worked with.

Case studies: Provide detailed case studies of some of your notable projects. Explain the challenges encountered, the methods used and the direct or indirect results achieved.

Experiences and reviews: Showcase testimonials or reviews from clients, colleagues or stakeholders who have experienced the impact of your work. Positive feedback increases credibility.

Reflection and learning: Include a section where you reflect on the process of drawing conclusions, lessons learned and how these insights might shape future projects.

Contact information: Make it easy for visitors to contact you for questions, collaborations or opportunities. Add your email address or contact form to your contact page.

Responsive Design: Make sure your website is mobile and responsive on all devices to provide a smooth user experience.

SEO Optimization: Optimize your website with relevant keywords, meta tags and lead-related descriptions. This improves its visibility in search engines.

Visual and Brand Consistency: Maintain a consistent visual theme and branding throughout your website to reinforce your professional identity.

User-friendly navigation: Create an intuitive and user-friendly navigation menu that allows visitors to easily find information about your projects and findings.

Aspects of Accessibility: Make sure your website is accessible to all users, including people with disabilities. Use alt text on images and provide keyboard navigation.

Analysis: Implement website analytics tools to monitor visitor behavior, identify popular content, and make informed improvements.

Regular updates: Keep your portfolio updated with new projects, case studies and findings. An active portfolio shows that you are actively involved in your field.

You will receive feedback: Ask peers, colleagues, or mentors for feedback to improve the content and presentation of your thesis portfolio.

## REFERENCES

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Available : (914) React E-Commerce App Design Tutorial | React Shopping Cart UI Design - YouTube [Accessed Feb. 18, 2022].

## SOURCE CODE

```
index.html > html > body > nav.navbar > div.max-width
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Personal Portfolio Website</title>
7      <link rel="stylesheet" href="style.css">
8      <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css"/>
9      <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
10     <script src="https://cdnjs.cloudflare.com/ajax/libs/typed.js/2.0.11/typed.min.js"></script>
11     <script src="https://cdnjs.cloudflare.com/ajax/libs/waypoints/4.0.1/jquery.waypoints.min.js"></script>
12     <script src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"></script>
13     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"/>
14
15 </head>
16 <body>
17     <div class=""">
18         <i class="""></i>
19     </div>
20     <nav class=""">
21         <div class=""">
22             <div class="""><a href="#">Portfo<span>lio.</span></a></div> "Portfo": Unknown word.
23             <ul class=""">
24                 <li><a href="#home" class=""">Home</a></li>
25                 <li><a href="#about" class=""">About</a></li>
26                 <li><a href="#services" class=""">Services</a></li>
27                 <li><a href="#skills" class=""">Skills</a></li>
28                 <li><a href="#contact" class=""">Contact</a></li>
29             </ul>
30             <div class=""">
31                 <i class="""></i>
32             </div>
33         </div>
34     </nav>
35
36     <!-- home section start -->
37     <section class=""" id="home">
```

```
<!-- skills section start -->
<section class=""" id="skills">
    <div class=""">
        <h2 class=""">My skills</h2>
        <div class=""">
            <div class=""">
                <div class=""">My creative skills & experiences.</div>
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dignissimos, ratione error est recusandae consequatur,
                <a href="#">Read more</a>
            </div>
            <div class=""">
                <div class=""">
                    <div class=""">
                        <span>HTML</span>
                        <span>90%</span>
                    </div>
                    <div class="""></div>
                </div>
                <div class=""">
                    <div class=""">
                        <span>CSS</span>
                        <span>60%</span>
                    </div>
                    <div class="""></div>
                </div>
                <div class=""">
                    <div class=""">
                        <span>JavaScript</span>
                        <span>80%</span>
                    </div>
                    <div class="""></div>
                </div>
            </div>
            <div class=""">
                <div class=""">
                    <div class=""">
                        <span>HTML</span>
                        <span>90%</span>
                    </div>
                    <div class="""></div>
                </div>
                <div class=""">
                    <div class=""">
                        <span>CSS</span>
                        <span>60%</span>
                    </div>
                    <div class="""></div>
                </div>
                <div class=""">
                    <div class=""">
                        <span>JavaScript</span>
                        <span>80%</span>
                    </div>
                    <div class="""></div>
                </div>
            </div>
        </div>
    </div>
</section>
```



# CSS FILE

```
/* import google fonts */
@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&family=Ubuntu:wght@400;500;700&display=swap');

*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  text-decoration: none;
}

html{
  scroll-behavior: smooth;
}

/* custom scroll bar */
::-webkit-scrollbar {
  width: 10px;
}

::-webkit-scrollbar-track {
  background: #f1f1f1;
}

::-webkit-scrollbar-thumb {
  background: #888;
}

::-webkit-scrollbar-thumb:hover {
  background: #555;
}

/* all similar content styling codes */
section{
  padding: 100px 0;
}

.max-width{
  max-width: 1300px;
  padding: 0 80px;
  margin: auto;
}
```

```
section .title::after{
  position: absolute;
  bottom: -8px;
  left: 50%;
  font-size: 20px;
  color: crimson;
  padding: 0 5px;
  background: #fff;
  transform: translateX(-50%);
}

/* navbar styling */
.navbar{
  position: fixed;
  width: 100%;
  z-index: 999;
  padding: 30px 0;
  font-family: 'Ubuntu', sans-serif;
  transition: all 0.3s ease;
}

.navbar.sticky{
  padding: 15px 0;
  background: crimson;
}

.navbar .max-width{
  display: @flex;
  align-items: center;
  justify-content: space-between;
}

.navbar .logo a{
  color: #fff;
  font-size: 35px;
  font-weight: 600;
}

.navbar .logo a span{
  color: crimson;
}
```

# JAVA SCRIPT

```
JS script.js > ready() callback > scroll() callback
1 $(document).ready(function(){
2     $(window).scroll(function(){
3         // sticky navbar on scroll script
4         if(this.scrollY > 20){
5             $('.navbar').addClass("sticky");
6         }else{
7             $('.navbar').removeClass("sticky");
8         }
9     });
10    // scroll-up button show/hide script
11    if(this.scrollY > 500){
12        $('.scroll-up-btn').addClass("show");
13    }else{
14        $('.scroll-up-btn').removeClass("show");
15    }
16 });
17
18 // slide-up script
19 $('.scroll-up-btn').click(function(){
20     $('html').animate({scrollTop: 0});
21     // removing smooth scroll on slide-up button click
22     $('html').css("scrollBehavior", "auto");
23 });
24
25 $('.navbar .menu li a').click(function(){
26     // applying again smooth scroll on menu items click
27     $('html').css("scrollBehavior", "smooth");
28 });
29
30 // toggle menu/navbar script
31 $('.menu-btn').click(function(){
32     $('.navbar .menu').toggleClass("active");
33     $('.menu-btn i').toggleClass("active");
34 });
35
36 // typing text animation script
37 var typed = new Typed(".typing", {
```

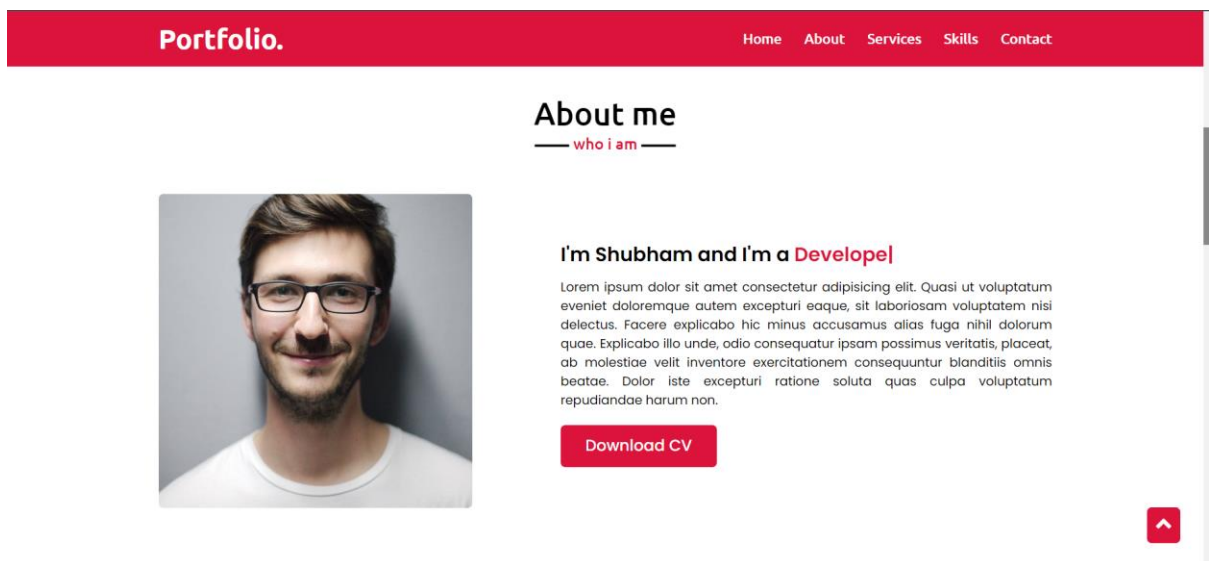
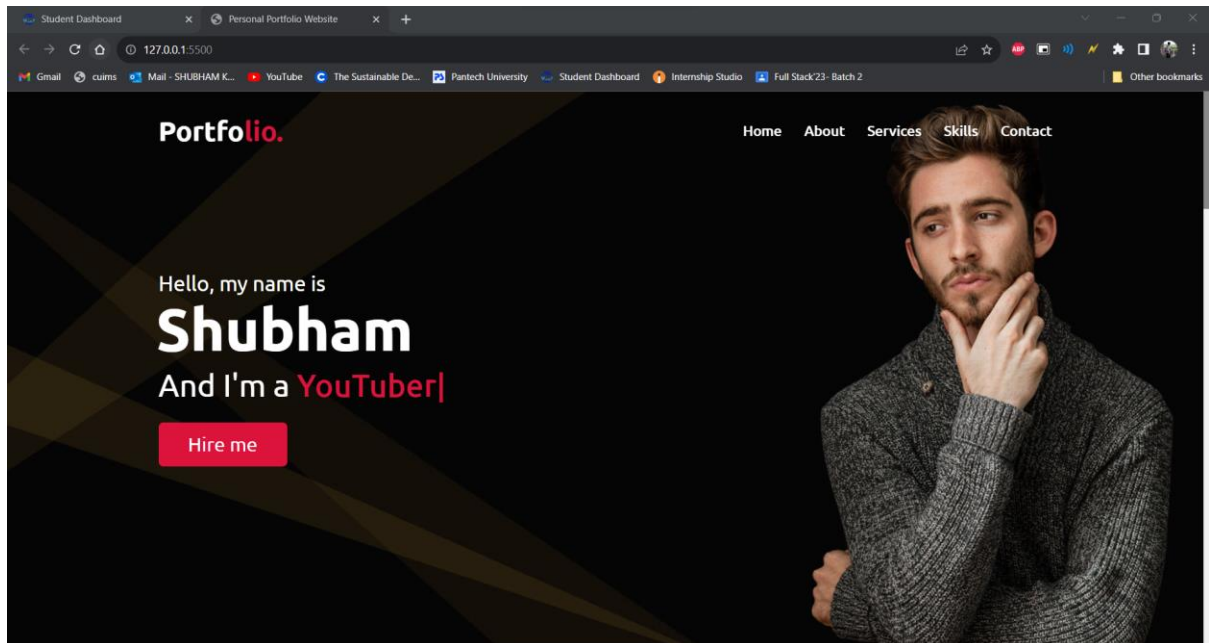
```
});

// typing text animation script
var typed = new Typed(".typing", {
    strings: ["YouTuber", "Developer", "Blogger", "Freelancer"],
    typeSpeed: 100,
    backSpeed: 60,
    loop: true
});

var typed = new Typed(".typing-2", {
    strings: ["YouTuber", "Developer", "Blogger", "Freelancer"],
    typeSpeed: 100,
    backSpeed: 60,
    loop: true
});

// owl carousel script
$('.carousel').owlCarousel({
    margin: 20,
    loop: true,
    autoplay: true,
    autoplayTimeout: 2000,
    autoplayHoverPause: true,
    responsive: {
        0:{
            items: 1,
            nav: false
        },
        600:{
            items: 2,
            nav: false
        },
        1000:{
            items: 3,
            nav: false
        }
    }
});
```

# OUTPUT



## Services Provided

— what I provide —



### Web Design

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Rem quia sunt, quasi quo illo enim.



### Blogging

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Rem quia sunt, quasi quo illo enim.



### Apps Design

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Rem quia sunt, quasi quo illo enim.



## Contact me

— get in touch —

### Get in Touch

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Dignissimos harum corporis fuga corrupti. Doloribus quis soluta nesciunt veritatis vitae nobis?



#### Name

Prakash Shahi



#### Address

Surkhet, Nepal



#### Email

abc@gmail.com

### Message me