

# CHAPTER 1

## INTRODUCTION

### 1.1 PROBLEM STATEMENT

Introduction and advertisement are very important for any business therefore, the proposed solution is having a portfolio website that will help a business or company a lot because the website will contain information about the company's employees, their previous projects, and the employee information and contact information. The company can put information to help their customers and the customers can find some useful information about the company.

### 1.2 OBJECTIVES

- An online portfolio is certain to make you available and searchable for new clients. It lets your potential employers find you the moment they get round to using a search engine or looking through candidates' applications.
- A portfolio published on the web humanizes you as a master of the craft. People come to you not only for you being an outstanding web designer, marketer, or copywriter, but because they like you. You know, it's a good psychological trick. Customers are more likely to choose those, who seem to be more decent, "likable", friendly-looking than others. Whereas hard skills are often considered afterward.
- The ultimate purpose of a portfolio website is to provide a way for you to land more clients, whether that means freelance work, more clients for your agency or employment at a company.

### 1.3 SCOPE

For any business or a company, marketing and introduction is very important. It is through marketing that people find new things and opportunities. Therefore, it is important for a business to have something through which they can introduce themselves, contact with their customers and provide services. A portfolio website is perfect for this as almost everyone has access to internet and through a website, providing services can be reliable.

## **CHAPTER 2**

# **SYSTEM REQUIREMENTS**

### **2.1 FUNCTIONAL REQUIREMENTS**

- The website shall/will show galleries of images that open to new pages.
- The website shall/will allow galleries to be sorted by date and topics.
- The website shall/will be responsive.
- The website shall/will allow users to complete a contact form.
- The website shall/will have about page
- The website shall/will have homepage
- The website shall/will on the homepage have a custom instagram feed.
- The website shall/will allow website owner to update all page content from a web based admin area.

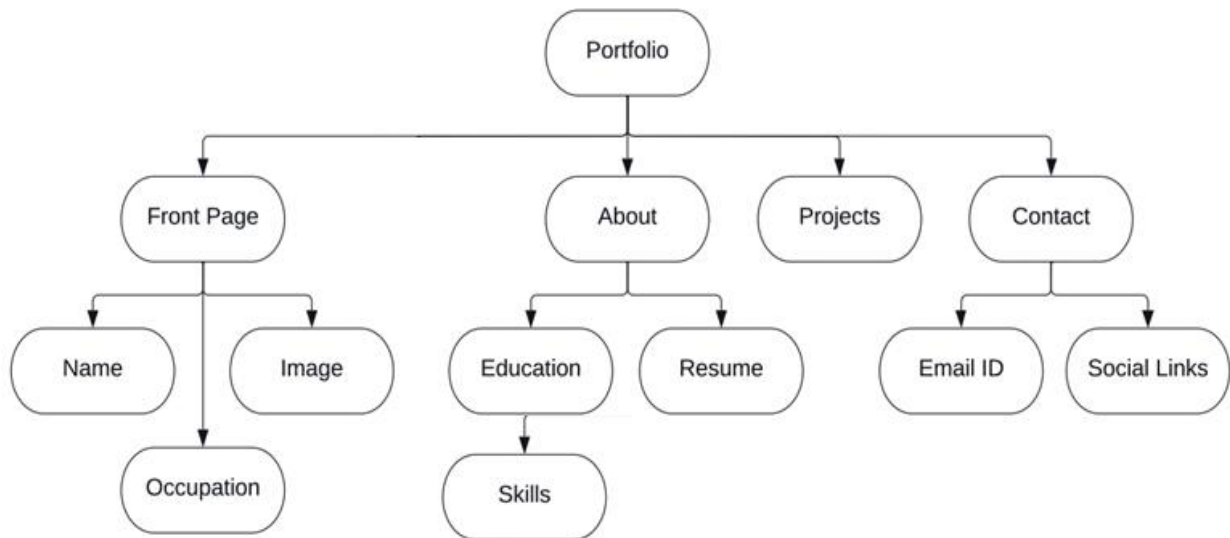
### **2.2 NON-FUNCTIONAL REQUIREMENTS**

- Good Design
- Reliability
- Security
- Efficiency
- Easy to navigate Tools
- Maintainability
- Scalability

## CHAPTER 3

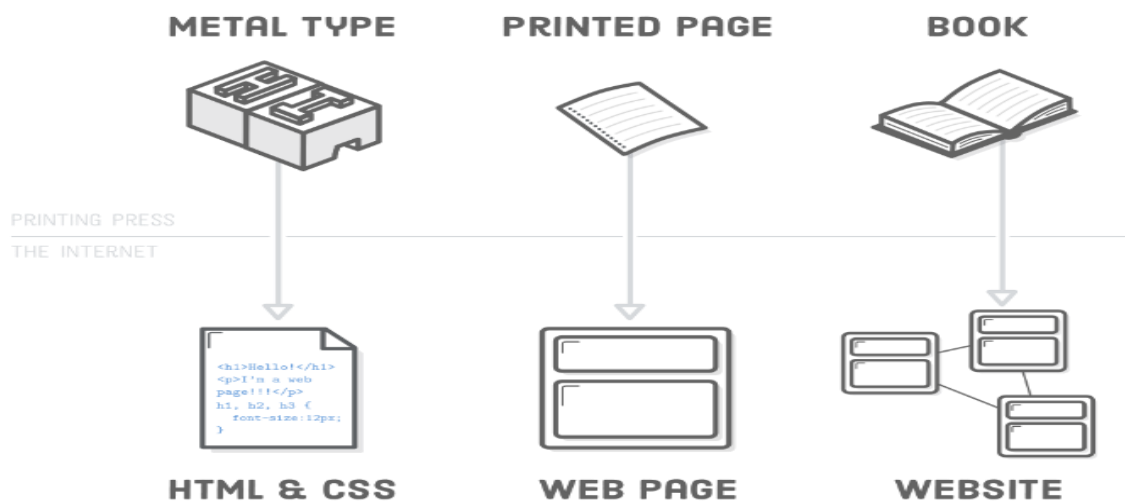
### DESIGN AND IMPLEMENTATION

#### 3.1 DESIGN/FLOW CHART



**Fig. 3.1.1**

The above image shows the flowchart for the portfolio



**Fig. 3.1.2**

## 3.2 IMPLEMENTATION

### Technologies/ Frameworks used in building the project

- **HTML**

HTML is at the core of every web page, regardless the complexity of a site or number of technologies involved. It's an essential skill for any web professional. It's the starting point for anyone learning how to create content for the web. And, luckily for us, it's surprisingly easy to learn.

HTML stands for Hypertext Markup Language. "Markup language" means that, rather than using a programming language to perform functions, HTML uses tags to identify different types of content and the purposes they each serve to the webpage

- **CSS**

While HTML is a markup language used to format/structure a web page, CSS is a design language that you use to make your web page look nice and presentable.

CSS stands for Cascading Style Sheets, and you use it to improve the appearance of a web page. By adding thoughtful CSS styles, you make your page more attractive and pleasant for the end user to view and use.

You can also use CSS to layout elements by positioning them in specified areas of your page. To access these elements, you must “select” them. You can select a single or multiple web element and specify how you want them to look or be positioned. The rules that govern this process are called CSS selectors.

- **JavaScript**

JavaScript is a scripting or programming language that allows you to implement complex features on web pages — every time a web page does more than just sit there and display static information for you to look at — displaying timely content updates, interactive maps, animated 2D/3D graphics, scrolling video jukeboxes, etc. — you can bet that JavaScript is probably involved. It is the third layer of the layer cake of standard web technologies, two of which (HTML and CSS) we have covered in much more detail in other parts of the Learning Area.

## CHAPTER 4

### WORKING CODE

#### Index.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>Arshad</title>

<link rel="stylesheet" href="style.css">

<link rel="preconnect" href="https://fonts.googleapis.com">

<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>

<link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@100&display=swap"
rel="stylesheet">

<link
href="https://fonts.googleapis.com/css2?family=Bilbo+Swash+Caps&family=Roboto+Slab:wght
@300&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Titillium+Web&display=swap"
rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Pacifico&display=swap" rel="stylesheet">

<link id="theme-style" rel="stylesheet" type="text/css" href="light.css">

<link id="theme-style" rel="stylesheet" type="text/css" href=" " ">

<script
src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/typed.js/2.0.12/typed.min.js"> </script>

</head>

<body>
```

```
<nav class="navbar">

<div class="max-width">

<div class="logo"><a href="#">xo_olv.</a></div>

<ul class="menu">

<li><a href="portfolio.html#home" class="menu-btn">Home</a></li>

<li><a href="portfolio.html#about" class="menu-btn">About</a></li>

<li><a href="portfolio.html#certification " class="menu-btn">Certifications</a></li>

<li><a href="portfolio.html#contact" class="menu-btn">Contact</a></li>

</ul>

<div class="menu-btn">

<i class="fas fa-bars"></i>

</div>

</div>

</nav>

<section class="s1">

<div>

<div class="greeting" id="home">

<h1> hi..! I am <span style="font-family: 'Montserrat', sans-serif; font-size: 80px; ">Arshad
</span> </h1>

<p style="font-family: 'Pacifico', cursive;;"> Eat( ); Sleep( ); Code( ); Repeat( ); </style> </p>

</div>

<div class="intro-wrap">

<div class="nav-wrap">

<div class="dots-wrap">
```

```
<div id="dot-1" class="browser-dot"> </div>

<div id="dot-2" class="browser-dot"> </div>

<div id="dot-3" class="browser-dot"> </div>

</div>

</div>

<div class="left-col">



<div>

<div class="post">



<div class="post-preview">

<h6 class="post-title">Web Development Certification</h6>

<p class="post-intro">able to construct responsive and interactive websites using html and css
<br> and also learn how to host a website. </p>

<a href="post.html">Read More</a>

</div></div></div></div></div>

</section>

<section class="s2">

<div class="main-container">

<a href="#"></a>

<h3 style="text-align: center;">Get In Touch</h3>

<form id="contact-form" onsubmit="sendEmail(); reset(); return false;">

<a name="contact"></a>

<label>Name</label>
```

```
<input class="input-field" type="text" name="name">
<label>Subject</label>
<input class="input-field" type="text" name="subject">
<label>Email</label>
<input class="input-field" type="text" name="email">
<label>Message</label>
<textarea class="input-field" name="message"></textarea>
<input id="submit-btn" type="submit" value="Send">
</form></div>
</section>
<script type="text/javascript" src="script.js"> </script>
</body>
</html>
```

## Styles.css

```
:root{
--mainColor:#eaeaea;
--secondaryColor:#fff;
--borderColor:#c1c1c1;
--mainText:black;
--secondaryText:#4b5156;
--themeDotBorder:#24292e;
--previewBg:rgb(251,249,243,0.8);
--preview-Shadow:#f0ead6;
```



```
--menubuttontext:#125B50;

--buttonColor:black;

}

body *{

transition: 0.8s;}

html,body{

padding: 0;

margin: 0;}

p,li,span,label,input,textarea{

color: var(--secondaryText);

font-family: 'Titillium Web', sans-serif;}

h1,h2,h3,h4,h5,h6{

color: var(--mainText);

font-family: 'Montserrat', sans-serif;}

.intro{

background-color: var(--secondaryColor);

border:1px solid var(--borderColor);}

a{  text-decoration: none;

color: #17a2b8;}

ul{  list-style: none ;}

h1 {font-size: 56px;}

h2 {font-size: 36px;}

h3 {font-size: 28px;}

h4 {font-size: 24px;}
```

```
h5{ font-size: 20px;}

h6{ font-size: 16px;}

.dots-wrap{
padding: 10px;

display: flex;}

#dot-1{

background-color: #FC6058;}

#dot-2{

background-color: #ffc404;}

#dot-3{

background-color: #23cf00;}

#navigation{

margin: 0;

padding: 10px;}

#navigation li{

display: inline-block;

margin-Right: 5px;

margin-Left: 5px;}

.browser-dot{

background-color: black;

height: 15px;

width: 15px;

border-radius: 50%;

margin: 5px;
```

```
-webkit-box-shadow: -1px 1px 3px -1px rgba(0,0,0,0.75);
```

```
-moz-box-shadow: -1px 1px 3px -1px rgba(0,0,0,0.75);
```

```
box-shadow: -1px 1px 3px -1px rgba(0,0,0,0.75);}
```

```
.max-width{
```

```
max-width: 1300px;
```

```
padding: 0 80px;
```

```
margin: auto;}
```

```
.navbar{
```

```
position: fixed;
```

```
width: 100%;
```

```
z-index: 999;
```

```
padding-top: 15px;
```

```
/* padding-left: 8%; */
```

```
/* padding-right: 8%; */
```

```
font-family: 'Ubuntu', sans-serif;
```

```
transition: all 0.3s ease;
```

```
/* background: var(--mainColor) ; */
```

```
height: 40px;
```

```
justify-content: space-between;
```

```
text-align: center;
```

```
align-items: center;
```

```
display: flex;}
```

```
.navbar.sticky{
```

```
padding: 15px 0;
```

```
background: black;}

.navbar .menu li a:hover{

color: rgb(0, 0, 0);}

.navbar.sticky .menu li a:hover{

color: rgb(74, 70, 70);}

.nav-wrap{

grid-area: nav-wrap;

border-bottom: 1px solid var(--borderColor);

display: flex;

justify-content: space-between;

align-items: center;

background-color: var(--mainColor);

border-radius: 5px 5px 0 0 ; }

.left-col{

padding-bottom:50px ;

grid-area: left-col;}

.theme-dot{

height: 30px;

width: 30;

border-radius: 50%;

background-color: black;

margin: 5px;

-webkit-box-shadow: -1px 1px 3px -1px rgba(0,0,0,0.75);

-moz-box-shadow: -1px 1px 3px -1px rgba(0,0,0,0.75);
```

```
box-shadow: -1px 1px 3px -1px rgba(0,0,0,0.75);
```

```
cursor: pointer;
```

```
border: 2px solid var(--borderColor); }
```

```
.theme-dot:hover{
```

```
border-width: 5px; }
```

```
/*to color the dots below picture*/
```

```
#light-mode{
```

```
background-color: #fff; }
```

```
#blue-mode{
```

```
background-color: #192734;}
```

```
#green-mode{
```

```
background-color: #78866b ;}
```

```
#purple-mode{
```

```
background-color: #7E4C74;}
```

```
#setting-note{
```

```
font-size: 12px;
```

```
font-style: italic;
```

```
text-align: center ;}
```

```
#theme-wrap{
```

```
display: flex;
```

```
justify-content: center;
```

```
}
```

```
#profile{
```

```
height: 200px;
```

```
width: 200px;

object-fit: cover;

border: 2px solid var(--borderColor);

display: block;

margin: 0 auto ; }

.right-col {

grid-area: right-col;

display: grid;

align-content: center;

padding-top: 50px;

padding-bottom: 50px;}

#preview-shadow{

background-color: var(--preview-Shadow);

width: 300px;

height: 180px;

padding-left: 30px;

padding-top: 30px;}

#preview{

width: 300px ;

border:1.5px solid #17a2b8;

background-color: var(--previewBg);

padding: 15px;

position: relative;}

.typing{
```

```
color: var(--mainText);

font-weight: 500;}

.corner{

width: 7px;

height: 7px;

border-radius: 50%;

border:1.5px solid #17a2b8;

background-color: #fff;

position: absolute;  }

#corner-tr{

top: -5px;

right:-5px;  }

#corner-tl{

top: -5px;

left: -5px;  }

#corner-br{

bottom: -5px;

right: -5px;  }

#corner-bl{

bottom: -5px;

left: -5px;  }

.about-wrapper{

display: grid;

grid-template-columns: repeat(auto-fit, minmax(320px, 1fr));
```

```
padding-bottom: 50px;

padding-top: 50px;

gap:100px;  }

#skills{

display: flex;

justify-content: space-evenly;

background-color: var(--previewShadow);  }

.social-links{

display: grid;

align-content: center;

text-align: center;  }

#social_img{

width: 100%;  }

.post-wrapper{

display: grid;

grid-template-columns: repeat(auto-fit, 320px);

gap:20px;

justify-content: center;

padding-bottom: 50px;  }

.post{

border:1px solid var(--borderColor);

-webkit-box-shadow: -2px 7px 21px -9px rgba(0,0,0,0.75);

-moz-box-shadow: -2px 7px 21px -9px rgba(0,0,0,0.75);

box-shadow: -2px 7px 21px -9px rgba(0,0,0,0.75);  }
```



```
.post-title{
margin: 0;  }

.post-intro{
color:#4b5156;
font-size: 14px;}

#contact-form{
display: block;
max-width: 600px;
margin: 0 auto;
border: 1px solid var(--borderColor);
padding: 15px;
border-radius: 5px;
background-color: var(--mainColor);
margin-bottom: 50px;  }

#contact-form label{
line-height: 2.7em;}

#contact-form textarea{
min-height: 100px;
font-size: 14px;  }

.input-field{
width: 100%;
padding-top: 10px;
padding-bottom:10px;
background-color: var(--secondaryColor);
```

```
border-radius: 5px;

border: 1px solid var(--borderColor);

font-size: 14px;  }

#submit-btn{

margin-top: 10px;

width: 100%;

padding-top: 10px;

padding-bottom: 10px;

color: #fff;

background-color: var(--buttonColor);

border: none;  }

@media screen and (max-width: 800px ){

.intro-wrap{

grid-template-columns: 1fr ; /*one fraction*/

grid-template-areas:

'nav-wrap'

'left-col'

'right-col' ; }

.right-col{

justify-content : center;}}

/* post.html */

.img-container{

justify-content: center;

display: inline ;}
```

```
.img-container2{  
justify-content: center;  
  
display:inline ;}  
  
transform: scale(1.3);}
```

### **script.js**

```
let theme= localStorage.getItem('theme')  
  
if(theme==null){  
setTheme('light')}  
  
else{  setTheme(theme)}  
  
let themeDOts = document.getElementsByClassName("theme-dot")  
  
for(var i=0; themeDOts.length>i;i++){  
  
themeDOts[i].addEventListener('click',function() {  
  
let mode =this.dataset.mode  
  
console.log('option click: ',mode)  
  
setTheme(mode) })  }  
  
function setTheme(mode){  
  
if (mode=='light'){  
  
document.getElementById('theme-style').href='default.css'  
  
if (mode=='blue'){ document.getElementById('theme-style').href='blue.css'  
  
}  
  
if (mode=='green'){  
  
document.getElementById('theme-style').href='green.css'  }  
  
if (mode=='purple'){
```

```
document.getElementById('theme-style').href='purple.css' }

localStorage.setItem('theme',mode ) }

$(document).ready(function(){

$(window).scroll(function(){

// sticky navbar on scroll script

if(this.scrollY > 20){

$('.navbar').addClass("sticky");

}else{ $('.navbar').removeClass("sticky");    }

if(this.scrollY > 500){

$('.scroll-up-btn').addClass("show");

}else{

$('.scroll-up-btn').removeClass("show");  }

})  });

var typed = new Typed(".typing", {

strings: ["Engineer", "Developer", "Coder", "Designer", "Freelancer"],

typeSpeed: 100,

backSpeed: 60,

loop: true  })
```

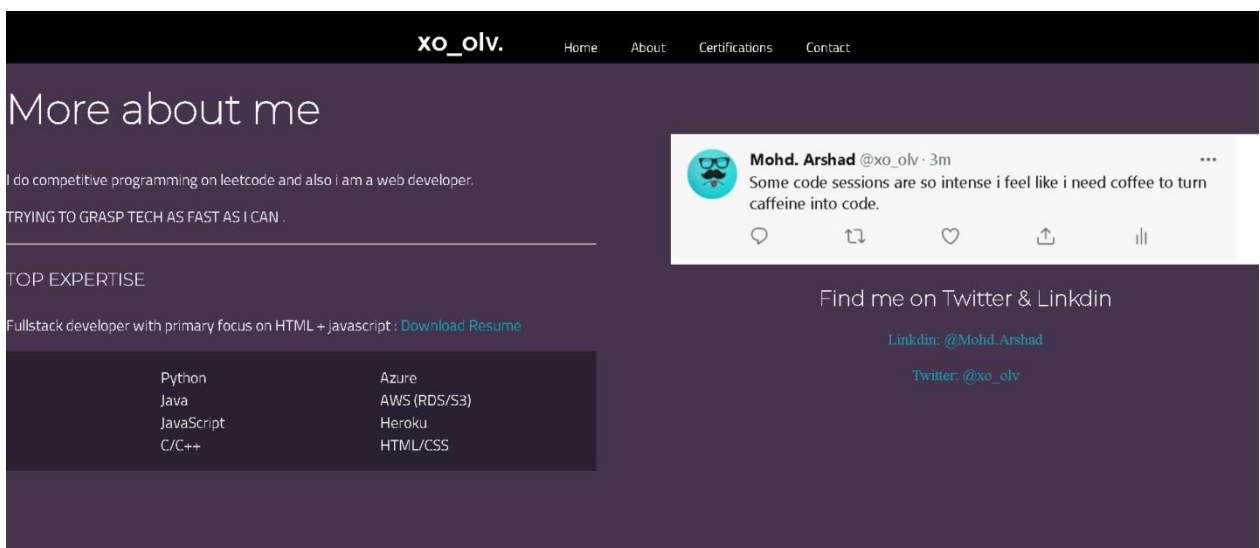
## CHAPTER 5

### SNAPSHOTS



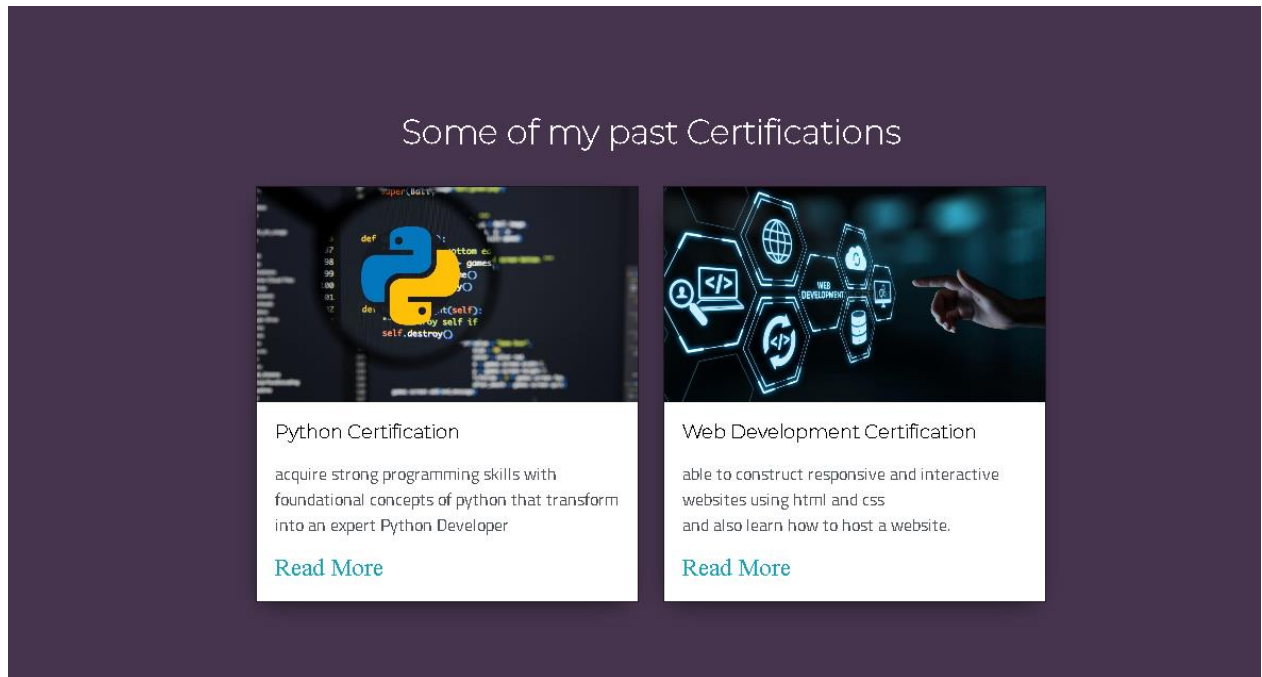
**Fig 5.1 Home Page**

The Home Page consist of the name and occupation of the person with the navigation bar.



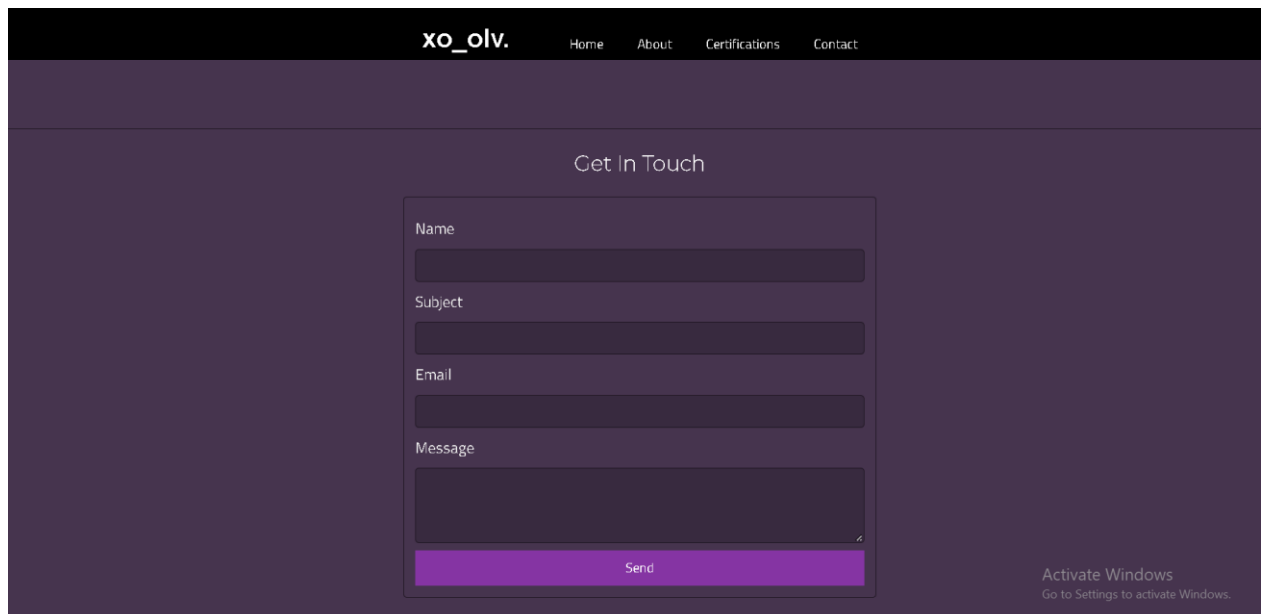
**Fig 5.2 About Page**

About Page gives the description of the person with the skills and Resume Button to Download the Resume.



**Fig 5.3 Certification Page**

It's a Part of About Page that consist of the list of skills and certificates a person has.



**Fig 5.4 Contact Page**

Contact Page consist of location, phone number, email id of the person

## **CONCLUSION AND FUTURE ENHANCEMENTS**

In today's Web development, a good page design is essential. A bad design will lead to the loss of visitors and that can lead to a loss of business. In general, a good page layout must satisfy the basic elements of a good page design. This includes colour contrast, text organization, font selection, style of a page, page size, graphics used, and consistency. To create a well-designed page for a specific audience. The developer needs to organize and analyse the users' statistics and the background of the users. Although it can be hard to come up with a design that is well suited to all of the users, there will be a design that is appropriate for most of the audience. The better the page design, the more hits a page will get. That implies an increase in accessibility and a possible increase in business.

In future I will be adding backend functionality to it using PHP. I will be creating a database for my projects for my skills and for my work experience. I will be adding a form so that if a user fills it automatically mails that form to me and I will do some more project regarding web development which include more java script so that the website can be three dimensionally design.

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