

WEB DEVELOPMENT

By

ABDULLA NADEEM N

Reg. No: 210701008

INTERNSHIP REPORT

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

In the partial fulfilment for the award of the degree of

Bachelors in Engineering



RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution

Affiliated to Anna University

JANUARY 2023

BONAFIDE CERTIFICATE

CERTIFICATE

DECLARATION

I, Abdulla Nadeem N, a student of Rajalakshmi Engineering College, hereby declare that the project entitled "Web Development" submitted to Rajalakshmi Engineering College, Chennai, in partial fulfillment of the requirements for the award of the degree of Bachelor in Engineering is a record of the original work done by me.

ACKNOWLEDGEMENT

I am highly indebted to Principal **Dr. S.N MURUGESAN**, for the facilities provided to accomplish this internship.

I would like to thank my **Head of the Department** Dr. P KUMAR for his constructive criticism throughout my internship.

I would like to thank **Mr. NAGARAJAN, CEO of BitsNPixs Technologies Private Limited, Eraviputhoorkadai** for giving me the opportunity to do an internship within the organization.

I would like to thank **Mr. SUJAN CHRISTO, HR Head of BitsNpixs Technologies Private Limited, Eraviputhoorkadai** for giving me the opportunity to do an internship within the organization.


I would like to thank **Mrs. ANGELIN RINISHA**, internship coordinator **BitsNpixs Technologies Private Limited, Eraviputhoorkadai** for her excellent guidance.

I also would like all the people that worked along with me **BitsNpixs Technologies Private Limited, Eraviputhoorkadai** with their patience and openness they created an enjoyable working environment.

ABSTRACT

The main objective of this internship was to write a report on web development and to learn HTML. To develop a web-based application, several programming languages are used. Some of them, such as HTML, CSS, and JavaScript, are only used for the frontend software, while others are used to develop the dynamic functions of the software or application. Nowadays, there are also some frameworks that are widely used. Developing a web-based application is very useful because it can be accessed from anywhere in the world, making it very helpful for our daily life. That is why I chose the subject of my report as "Web Development". Training at BitsNpixs Technologies Pvt Ltd added valuable experience to my upcoming career.

COMPANY PROFILE



BitsNPixs is the market leader who is providing the best Embroidery Digitizing service, Vector Conversion Service, and Software Development Service since 2011.

The Company success in Digitizing and Vector services are results of their dedication in providing the best quality results with enhanced details and a lower rate of thread breakages and crisper designs with less wastage and increased production rate. Robust, reliable, and scalable software development solutions make them successful on software development service. The Company work hard to meet the deadlines of the clients.

The company has best team in the business, who are trained to handle large orders and meet the deadlines so that the company don't have to keep clients waiting. The Company have the latest technology in both hardware and software aspects. And all these forces enable them to provide the 24 hours turnaround time.

The company have working at the places of, Eraviputhoorkadai, Trivandrum, Coimbatore, USA, UK, Bangalore.

INDEX

S.NO	CONTENT	PAGE.NO
1	Introduction	4
2	SOFTWARE REQUIREMENTS SPECIFICATIONS	5
3	Language 3.1.HTML 3.2.CSS	6
4	Coding	7
5	Screenshot	19
6	Conclusion	20

ABOUT INTERNSHIP

Company name : BitsNPixs Technologies Private Limited

Address : Eraviputhoorkadai

Date of visit : 06-01-2023 to 20-01-2023

Type of industry : Software company

Number of students : 1

Participate

Internship Objectives

- Internships are generally thought of to be reserved for college students looking to gain experience in a particular field.
- An objective for this position should emphasize the skills you already possess in the area and your interest in learning more.
- Internships are utilized in web development.
- Internship is specifically designed to allow people to gain first-hand experience working.
- Utilizing internships is a great way to build your resume and develop skills that can be emphasized in your resume for future jobs.

Area of training : Web development

I HAVE COMPLETED A WORK ON FRONT END DEVELOPMENT OF A WEB SITE BASED ON PORTFOLIO USING HTML, CSS.

WEEKLY OVERVIEW OF INTERNSHIP ACTIVITIES

WEEK 1	DATE	DAY	NAME OF THE TOPIC/MODULE COMPLETED
	06/01/2023	Friday	<ul style="list-style-type: none"> • HTML Introduction • HTML Form • HTML Comments
			<ul style="list-style-type: none"> • HTML Elements • HTML Attributes • HTML Paragraphs • HTML Styles
	9/01/23	Monday	
			<ul style="list-style-type: none"> • HTML Comments • HTML Links • HTML Forms
	10/1/23	Tuesday	
			<ul style="list-style-type: none"> • CSS Introduction • CSS Position • CSS Z – Index • CSS Overflow • CSS Inline - block
	11/1/23	Wednesday	
			<ul style="list-style-type: none"> • CSS Align • CSS Padding • CSS Background • CSS Colours
	12/1/23	Thursday	

WEEK 2	DATE	DAY	NAME OF THE TOPIC/MODULE COMPLETED
	13/1/23	Friday	<ul style="list-style-type: none"> • CSS selectors • CSS how to
	17/1/23	Tuesday	<ul style="list-style-type: none"> • Created website using HTML
	18/1/23	Wednesday	<ul style="list-style-type: none"> • Started to create website using CSS
	19/1/23	Thursday	<ul style="list-style-type: none"> • Created website using CSS
	20/1/23	Friday	<ul style="list-style-type: none"> • Created a portfolio website using HTML and CSS.

1. INTRODUCTION

The programming languages and development tools I was using were new for me, hence I had to quickly integrate not only with my new living environment but also academically. This was very beneficial for me as at the end I could compare what I've learnt with what I already knew and find a connection between the two. This report is a description of my 7 days internship carried out as a compulsory component of the course at UI. In the following chapter details of tools and technology used and an overview is given. Afterwards, I explain my role and tasks as a trainee and give specific technical details about my main tasks. Finally, a conclusion is drawn from the experience.

2. SOFTWARE REQUIREMENTS SPECIFICATIONS

SYSTEM CONFIGURATIONS:

The software requirement specification can produce at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by established a complete information description, a detailed functional description, a representation of system behavior, and indication of performance and design constrain, appropriate validate criteria, and other information pertinent to requirements.

SOFTWARE REQUIREMENTS:

- Operating system : WINDOWS 10
- Front-End : HTML, CSS.

HARDWARE REQUIREMENT:

- PROCESS : CORE I5
- Hard Disk : 1TB.
- Ram : 8GB.

3. LANGUAGE

3.1. HTML:

The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets.

3.2. CSS:

Cascading Style Sheets is a simple design language intended to simplify the process of making web pages presentable.

CSS handles the look and feel part of a web page. Using CSS, you can control the colour of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colours are used, layout designs, and variations in display for different devices and screen sizes as well as a variety of other effects.

4.CODING

HTML Code

```
<!DOCTYPE html>

<html>

  <head>

    <title>Personal | Portfolio</title>

    <link rel="stylesheet" href="styles.css" />

    <link href="https://fonts.googleapis.com/css2?family=Inter:wght@300;400;500;600&display=swap"
rel="stylesheet" />

    <meta charset="utf-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1" />

  </head>

  <header>

    <ul>

      <li class="nav-element"><a href="Home.html">Home</a></li>

      <li class="nav-element"><a href="About.html">About</a></li>

      <li class="nav-element"><a href="Servics.html">Services</a></li>

      <li class="nav-element"><a href="Contact.html">Contact</a></li>

      <li class="nav-element"><a href="Help.html">Help</a></li>

    </ul>

  </header>

  <body>

    <section class="banner-section">

      <div class="content">

        <h2 class="sub-title">GET EVERY SINGLE SOLUTION</h4>

        <h1>I'm Developer</h1>

        <h1>Abdulla Nadeem</h1>

        <p>Consectetur adipiscing elit, sed do eiusmod tempor ididunt ut labore et dolore magna aliqua. Quis ipsum suspendiscs gravid. Risus commodo viverra sebfd dho eiusmod tempor maecenas accumsan lacus.</p>

      </div>

    </section>

  </body>

</html>
```

```
<a href="" class="btn primary-btn">Know More</a>
    <a href="" class="btn transparent-btn">Hire me</a>
</div>
</section>
```

<section class="about-section">

<div class="content">

Designing With Passion While Exploring The World.

<p>Consectetur adipiscing elit, sed do eiusmod tempor ididunt ut labore et dolore magna aliqua. Quis ipsum suspendices gravida. Risus commodo viverra sebfd dho eiusmod tempor maecenas accumsan lacus.</p>

<p>Quis ipsum suspendises gravida. Risus commodo viverra sebfd dho eiusmod tempor maecenas accumsan lacus.Quis ipsum suspendises gravida. Risus commodo viverra sebfd.</p>

</div>

<div class="contact-info">

Any Type Of Query & Discussion.

<p>Let talk with me</p>

abdulla.nadeem01@gmail.com

</section>

<div class="light-bg">

<section class="services-section">

What Services You Will Get From Me.

<div class="services">

<div class="service">

UI/UX/Design

<p>Free resource that will help nderstand thecv designc process and improve theroi nderstand the design process andisei impro are of vquality.</p>

<div class="service">

Digital Marketing

<p>Free resource that will help nderstand thecv designc process and improve theroi nderstand the design process andisei impro are of vquality.</p>


```

<div class="service">
    <h3 class="title">Website Design</h3>
    <p>Free resource that will help understand the design process and improve the understanding
the design process and its importance of quality.</p>
</div>
</div>
</section>
</div>
<section class="call-to-action">
    <h2 class="big-title">Don't worry for contact I'm available</h2>
    <a href="" class="btn transparent-btn">Contact Me Now</a>
</section>

<section class="contact-section">
    <div class="content">
        <h2 class="big-title">If Not Now, When Let's Work Together!</h2>
        <p>Consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Quis
ipsum suspendisse gravida. Risus commodo viverra.</p>
        <p>Quis ipsum suspendisse gravida. Risus commodo viverra. Quis ipsum suspendisse gravida.
Risus commodo viverra.</p>
    </div>
    <form>
        <input class="form-element" type="text" name="name" placeholder="Full Name" />
        <input type="email" class="form-element" name="email" placeholder="Email Address" />
        <textarea name="message" id="message" class="form-element" placeholder="Your
Message"></textarea>
        <a class="btn primary-btn" href="">Send me message</a>
    </form>
</section>
<footer class="footer">
    
    <a href="#bh.html">abdulla.nadeem01@gmail.com</a>
    <p class="address">007B Baker Street, Post office Box 707</p>
    <p class="address">Palace Road, USA - 767070</p>

```

<p class="copyright">Copyright ©2023 All rights reserved.</p>

</footer>

</body>

</html>

CSS Styles

```
/*Common*/  
  
body{  
    font-family: 'Inter', sans-serif;  
    margin: 0;  
    overflow-x: hidden;  
}  
  
p {  
    color: #222222;  
    font-weight: 400;  
    font-size: 17px;  
    line-height: 28px;  
}  
  
section{  
    width: 65%;  
    padding: 60px 0;  
    margin: 0 auto;  
}  
  
.light-bg{  
    background-color: #fef9f9;  
}  
  
.btn{  
    padding: 15px 30px;  
    text-decoration: none;  
    display: inline-block;  
    text-align: center;  
    transition: all 0.5s;  
    border-radius: 5px;  
  
    }  
  
.primary-btn{  
    background-color: #5e1914;  
    color: #ffffff;
```

```

}
.primary-btn:hover {
  background-color: #40100d;
}
.transparent-btn{
  background-color: transparent;
  color: #5e1914;
  border: 1px solid #5e1914;
}
.transparent-btn:hover {
  background-color: #5e1914;
  color: #fff;
}

```

```

.big-title{
  font-weight: 500;
  font-size: 40px;
  margin: 0 0 20px 0;
  line-height: 56px;
}

```

```

/*Header*/
header{
  display: flex;
  padding: 10px 0px;
  justify-content: space-around;
  align-items: center;
}

```

```

.nav-element {
  display: inline;
}
.nav-element a{

```

```
color: #222222;
text-decoration: none;
font-weight: 600;
padding: 0 20px;
}
header img{
width:200px;
margin-left: 80px;
}
.nav-element a:link, .nav-element a:visited, .nav-element a:hover, .nav-element a:active {
color:#5e1914;
text-decoration: none;
}

/*Banner Section*/
.banner-section{
display: block;
background-image: url("images/banner.jpeg");
background-repeat: no-repeat;
background-size: cover;
width:100%;
height: 350px;
border: 0px solid #000000;
padding: 100px 60px;
color: #6f42c1;
}
.banner-section .content {
margin: 0 0 0 200px;
width: 40%;
}
.banner-section h1{
color: #062341;
font-weight: 600;
```

```
    font-size: 50px;
    margin: 0;
    line-height: 76px;
}
.banner-section .sub-title{
    color: #5e1914;
    font-size: 16px;
}
.banner-section .btn{
    width: 100px;
    margin-top: 20px;
}

/*About Section*/
.about-section{
    display: flex;
    justify-content: space-between;
    align-items: center;
}
.about-section .content{
    width: 50%;
}
.about-section .contact-info{
    width: 38%;
}
.about-section .contact-info a{
    font-size: 26px;
    color: #5e1914;
    display: block;

    margin-top: 42px;
}
.about-section .title{
    font-weight: bold;
```

```
font-size: 30px;
margin: 0 0 20px 0;
line-height: 50px;
}
```

```
/*Services Section*/
```

```
.services-section{
  display: flex;
  flex-direction: column;
}
.services-section .big-title{
  width: 500px;
}
.services{
  display: flex;
}
.services-section .service{
  padding: 37px;
  border: 1px solid #e1ebf7;
  margin: 20px 10px;
  text-align: center;
  border-radius: 5px;
  background-color: #fff;
}
.service .title{
  color: #5e1914;
}
```

```
/*Call to action*/
```

```
.call-to-action{
  background-image: url(images/banner2.jpeg);
  background-repeat: no-repeat;
  background-size: cover;
```

```
width: 100%;  
height: 200px;  
justify-content: space-around;  
display: flex;  
align-items: center;  
}
```

```
.call-to-action .big-title{  
width: 500px;  
color: #fff;  
}
```

```
.call-to-action .transparent-btn{  
border-color: #fff;  
color: #fff;  
}
```

```
.call-to-action .transparent-btn:hover{  
border-color: #5e1914;  
background-color: #5e1914;  
color: #ffffff;  
}
```

/*Contact Section*/

```
.contact-section{  
display: flex;  
justify-content: space-between;  
}
```

```
.contact-section .content{  
width: 55%;  
}
```

```
form{
```

```
display: flex;  
flex-direction: column;  
width: 35%;  
}
```



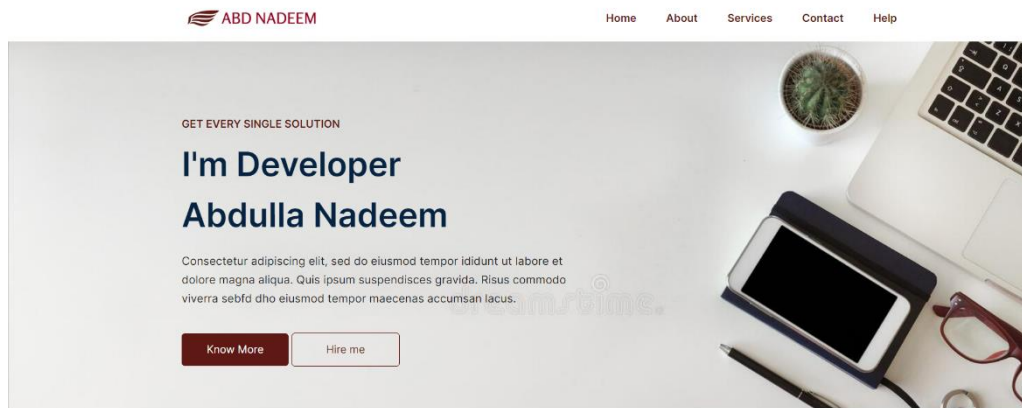
```
textarea.form-element{
    height: 80px;
}
.form-element{
    border: 1px solid #efefef;
    margin-bottom: 15px;
    padding: 10px;
    height: 30px;
    border-radius: 5px;
}
/*footer*/
.footer{
    background-color: #062341;
    padding: 60px;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
}
.footer img{
    width: 200px;
    margin-bottom: 20px;
}
.footer a{
    color: #ffffff;
    text-decoration: none;
    font-size: 40px;

    display: block;
    margin-bottom: 20px;
}
.footer .address{
    color: #ffffff;
    font-size: 16px;
```

```
margin: 0;
}
.footer .copyright{

color: #585967;
margin-top: 20px;
margin-bottom: 0;
}
```

5. SCREENSHOTS



Designing With Passion While Exploring The World.

Consectetur adipiscing elit, sed do eiusmod tempor ididunt ut labore et dolore magna aliqua. Quis ipsum suspendisse gravida. Risus commodo viverra sebfid dho eiusmod tempor maecenas accumsan lacus.

Quis ipsum suspendisse gravida. Risus commodo viverra sebfid dho eiusmod tempor maecenas accumsan lacus. Quis ipsum suspendisse gravida. Risus commodo viverra sebfid.

Any Type Of Query & Discussion.

Let talk with me

abdulla.nadeem01@gmail.com

What Services You Will Get From Me.

UI/UX/Design

Free resource that will help nderstand thecv designc process and improve theroi nderstand the design process andisei impro are of vquality.

Digital Marketing

Free resource that will help nderstand thecv designc process and improve theroi nderstand the design process andisei impro are of vquality.

Website Design

Free resource that will help nderstand thecv designc process and improve theroi nderstand the design process andisei impro are of vquality.

Don't worry for contact I'm available

Contact Me Now

If Not Now, When Let's Work Together!

Consectetur adipiscing elit, sed do eiusmod tempor ididunt ut labore et dolore magna aliqua. Quis ipsum suspendisse gravida. Risus commodo viverra.

Quis ipsum suspendisse gravida. Risus commodo viverra. Quis ipsum suspendisse gravida. Risus commodo viverra.

Full Name

Email Address

Your Message

Send me message



6.CONCLUSION

In conclusion, I can say that this internship was a great experience. Thanks to this project, I acquired deeper knowledge regarding my technical skills, and I also benefited personally. Currently, HTML is a common part of web applications, and it is one of the most popular languages for web design used by professionals worldwide. If we surf the internet, we can see millions of websites designed with HTML and CSS. I learned to live in a different environment from the one I am used to. Indeed, I became more independent in my work and in everyday life. I realized that I could do more things than I thought, like learning new things by myself.