INTERNSHIP REPORT ON

**Web Development For Network Inc**

Submitted in partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH DATA ANALYTICS**

at the Bharathiar University



by

**S.VASUDEVAN**

**(Reg.No:211DA044)**

Under the Guidance of

Ms.Bharathi Anbarasan **,**

**M.C.A.,M.Phil.,UGC CBSE-NET.**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH DATA ANALYTICS**



**Dr. N. G. P. ARTS AND SCIENCE COLLEGE**

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

Approved by Government of Tamil Nadu & Accredited by NAAC with A++Grade (3rdCycle-3.64CGPA)

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**JUNE–2023**

**DECLARATION**

**S.VASUDEVAN (Reg.No:211DA044)** hereby declare that the internship report entitled “Web Development Intern**”** submitted in partial fulfillment of the requirement for the award of the degree of **Bachelor of Computer Science with Data Analytics at the Bharathiar University** is a record of original project work done during the period of study supervision and under the guidance of Ms.Bharathi Anbarasan M.C.A**.,M.Phil.,UGC CBSE-NET. Department of Computer Science with Data Analytics, Dr.N.G.P. Arts and Science College, Coimbatore - 48**, and it has not formed on the basis of award of any Degree/ Diploma/ Associateship/ Fellowship or other similar title to any candidate of any university.

**Place: Coimbatore S.VASUDEVAN**

**Date: Reg.No:211DA044**

**CERTIFICATE**

This is to certify that the internship report entitled **“**Web Development Intern”submitted in partial fulfillment of the requirement for the award of the degree of **Bachelor of Science in Data Analytics at the Bharathiar University** is a record of original work done by **S.VASUDEVAN (Reg.No:211DA044)** during the period (2021-2024) of his study in **Department of Computer Science with Data Analytics, Dr. N.G.P. Arts and Science College, Coimbatore.48,** under my supervision and guidance,and it has not formed on the basis of award of any Degree/ Diploma/ Associateship/ Fellowship or other similar title to any candidate of any university.

|  |  |  |
| --- | --- | --- |
| **(MS.Bharathi Anbarasan)** | **(Dr.V.PREAMSUDHA)** | **(Prof. Dr. S. Saravanan)** |
| Project Guide | Professor and Head | Principal i/c |

Place: Coimbatore

Date:

Viva-voce Examination held on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Internal Examiner**

**ACKNOWLEDGEMENT**

This internship training was the most significant accomplishment in my life and it would not have been possible without the blessing of God almighty and those who supported and believed in my caliber.

First, I would like to thank the Chairman **Dr. NALLA. G. PALANISWAMI, M.D, AB (USA),** and Madam Secretary **Dr. THAVAMANI D. PALANISWAMI, M.D, AB (USA)**

Secretary, Dr.N.G.P. Arts and Science College, Coimbatore and Principal **Dr. S. Saravanan M.Com, M.B.A.(HR)., M.Phil., SET., NET., Ph.D., PGDCA., M.B.A. (FM).,** for the facilities provided to accomplish this internship.

I would like to thank **Dr. V. Pream Sudha MCA., M.Phil., Ph.D., Head of the Department of Computer Science with Data Analytics** for showing sustained interest and providing help throughout the period of my work. I would like to thankMs.Bharathi Anbarasan  **M.C.A .,M.Phil.,UGC CBSE-NET,** Associate Professor, Department of Computer Science with Data Analytics for her exemplary guidance and encouragement.

I would like to thank AISS GRAND NETWORK INC for giving the opportunity to do an internship within the organization. I would also like to thank all the employees who worked along with me in AISS GRAND NETWORK INC., with patience and creating a flexible working environment.

I take this opportunity to acknowledge my sincere thanks to all the staff members of the Department of Computer Science with Data Analytics for their constant inspiration, assistance and resourceful guidance for the completion of this internship successfully.

It is indeed with a great sense of pleasure and immense sense of gratitude that acknowledge the help of these individuals. And I wish to thank my Parents and friends for their support and encouragement throughout my study.

**S.VASUDEVAN**

**ACTIVITY TABLE**

|  |  |  |
| --- | --- | --- |
| **DATE** | **DAY** | **TOPIC** |
| **6.06.2023** | **TUESDAY** | **Introduction to the company** |
| **7.06.2023** | **WEDNESDAY** | **Introduction to web page desigh** |
| **8.06.2023** | **THRUSDAY** | **Comparision of html , css.** |
| **9.06.2023** | **FRIDAY** | **Web page template** |
| **10.06.2023** | **SATURDAY** | **Customizing web page** |
| **11.06.2023** | **SUNDAY** | **Overview of learning** |
| **12.06.2023** | **MONDAY** | **Discussion and Query clarification** |

**CHAPTER-1**

**COMPANY PROFILE**

**1.1 ABOUT THE COMPANY**

We look security solutions from a different angle, which makes us stand beyond and above our competitors. We deal in CCTV cameras, biometric systems, Video Door Phone, EPABX System, which are high performance and highly sensitive. AISS GRAND NETWORK INC is a unit of MicroNet Info com & Logistics Private Limited, technological solutions provider. AISS GRAND NETWORK INC is specialized in offering Extensive CCTV Systems with experience of over 20 years. We deal in IP CCTV, CCTV Cameras installations which are easy to operate, highly sensitive and offer high performance.

We are not only engaged in providing services to install new CCTV Camera systems, but would assist you in upgrading your existing installed systems as well. We guarantee you the best value of your investment by providing installation and maintenance services for high precision cameras and surveillance system. We are name you can trust when it comes to all-round security solutions. We understand that few things are inevitable, security for instance.

**1.2 SERVICES OF THE COMPANY**

We are leading CCTV Camera Installation Service Provider with many years of experience in the industry.

We provide CCTV AMC (Annual Maintenance Contract), both Comprehensive (Material with Service) and Non-Comprehensive (Service Only) type for your existing CCTV Camera System and its cabling.

The next-generation biometric-based technology offers a dependable, helpful, and authentic way of verifying/identifying an individual’s identity utilizing latest Biometric fingerprint scanner.

Have peace of mind from being able to see, hear & speak to your visitors before opening the door. EPABX system is generally great for saving money, and is also easy to maintain and you should be able to connect multiples of extensions to a single line from the telephone exchange.

**1.3 OBJECTIVE OF THE PROJECT**

To create web pages and tells the browser how to display them. Comprehensive knowledge of web pages working and other essential components and giving exquisite design features to a website.

**CHAPTER-2**

**SYSTEM REQUIREMENTS**

**2.1 HARDWARE REQUIREMENTS**

Processor : Intel core i5

Memory : 8GB RAM

Hard Disk : 1TB

**2.3 SORTWARE REQUIREMENTS**

Operating System : Windows

Coding Language : HTML,CSS.

Text editor : Sublime Text3.

Data Base : My SQL.

Package : XAMPP.

H**TML**

* **New in HTML5**
* **New DOCTYPE and Character Set**
* **New and Depreciated Elements**
* **Semantic Markup**
* **Simplifying Selection using the Selectors API**
* **JavaScript Logging and Debugging**
* **Window.JSON**
* **DOM Level**

**Using HTML5**

* **Currently available features**
* **Browser Support**
* **Detective native availability of features**
* **Working with emulation**
* **Create a web page that verifies the availability of new HTML5 features.**

**Understanding HTML5 Markup**

* **HTML5 Page Structure**
* **HTML5 DOCTYPE**
* **HTML5 markup structural elements**
* **Semantic elements**
* **Create a web page that make usage of new structural and semantic elements like main, section, aside, article, header, footer and other semantic elements.**

**HTML5 Forms**

* **HTML Forms VsXForms**
* **Functional Forms**
* **New Form Attributes and Functions**
* **Placeholder Attribute**
* **Autocomplete Attribute**
* **Autofocus Attribute**
* **List Attribute and datalist Element**
* **Min and Max attributes**
* **ValueAsNumber attribute**
* **Required Attribute**
* **Checking Forms with Validation**
* **Validation Feedback**
* **Develop a product entry form which uses HTML5 form elements and validation attributes.**

**HTML 5 Audio & Video**

* **The Audio and Video Elements**
* **Understanding Audio and Video**
* **Working with Audio and Video Containers**
* **Understanding Audio and Video Codecs**
* **Create a web page that displays multiple video and audio using HTML5 video and audio elements..**

**HTML 5 Storage**

* **Overview of HTML5 Web Storage**
* **Browser Support for HTML4 Web Storage**
* **Using the HTML5 Web Storage**
* **Checking for Browser Support**
* **Setting and Retrieving Values**
* **Plugging Data Leaks**
* **Create a web page that sites and gets data Run HTML5 web storage.**

**CSS3 Overview**

* **Introducing CSS3**
* **CSS3 Colors, Gradients and Multiple Backgrounds**
* **Rounded Corners and Border-Radius**
* **CSS3 Transforms**
* **Transitions**
* **Animations & 2D Transformations**
* **Web Fonts with @font-face**
* **CSS3 Multicolumn Layouts**
* **Develop a web page that enhances the richness of the page using**
* **CSS3,colours,gradients,border radius, animation, transformations and transitions.**

**CSS3 Flexbox**

* **Introduction**
* **Box Model basics**
* **Container**
* **Direction**
* **Wrapping**
* **Justifying & Alignments**
* **Display order**
* **Flexibility**
* **Alignment**
* **Create a page that displays product gallery layout coded with flexbox. CSS Grid**
* **Introduction**
* **Grid Layout**
* **Grid Elements**
* **Placing Grid Lines**
* **Attaching Elements to the Grid**
* **Order and Align Items in Grid Layout**
* **Grid Flow**
* **Opening Grid Spaces**
* **Create a page that displays product gallery layout coded with CSS grid**

**JavaScript**

**· What is**

**JavaScript? ·**

**What Is AJAX?**

**Developer Essentials**

* **The development workflow**
* **Selecting the right tools for the job**
* **Just enough HTML and CSS**
* **Understanding objects**
* **Understanding variables**
* **Making comparisons**
* **Understanding events**

**Starting to Code**

* **Writing your first script**
* **Internal vs. external scripts**
* **Using comments in scripts**
* **Using the NoScript tag in HTML**

**Interacting with Users**

* **Creating alert dialogs**
* **Understanding conditional statements**
* **Getting confirmations from users**
* **Creating prompts for users**
* **Understanding functions**
* **Making links smarter**
* **Using switch/case statements**
* **Handling errors**

**JavaScript Language Essentials**

* **Getting started**
* **Creating loops**
* **Passing values to functions**
* **Detecting objects**
* **Reading arrays**
* **Returning values from functions**
* **Writing arrays**
* **Building do and while loops**
* **Re-using functions**

**Creating Rollovers and More**

* **Creating a basic image rollover**
* **How to write a better rollover**
* **Creating a three-state rollover**
* **Making rollovers accessible and 508 compliant Making disjointed rollovers**
* **Creating slideshows**
* **Displaying random images**

**Building Smarter Forms**

* **Getting started**
* **Creating jump menus**
* **Creating dynamic menus**
* **Requiring fields**
* **Cross-checking fields**
* **Displaying more informative errors**
* **Verifying radio button selections**
* **Setting one field with another field**
* **Verifying email addresses**

**Handling Events**

* **Responding to window events**
* **Responding to mouse movements**
* **Responding to mouse clicks**
* **Responding to onBlur form events**
* **Responding to onFocus form events**
* **Responding to keyboard events**

**Working with Cookies**

* **Demystifying cookies**
* **Writing a cookie**
* **Reading a cookie**
* **Displaying a cookie**
* **Counting with cookies**
* **Deleting cookies**
* **Handling multiple cookies**
* **Cookies in action**

**The DOM, Nodes, and Objects**

* **Understanding the DOM**
* **Adding nodes to the DOM**
* **Deleting nodes from the DOM**
* **Deleting specific nodes**
* **Inserting nodes into the DOM**
* **Replacing nodes in the DOM**

**Working with Dates and Times**

* **Displaying dates ● Displaying times**
* **Creating a countdown**

**Real-World Applications of JavaScript**

* **Creating sliding menus**
* **Creating pop-up menus**
* **Creating slideshows with captions**
* **Creating a stylesheet switcher**

**Source Code :**

<!DOCTYPE html>

<html>

    <head>

        <meta name="viewport" content="with=device-width,initial-scale=1.0">

                <title> AISS GRAND NETWORKS INC   </title>

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

    </head>

    <body>

        <section class="header">

            <nav>

                <a href="website.html" > <img src="logo.jpg" > </a>

                <div class="nav-links">

                    <ul>

                        <li ><a href="website.html">HOME</a></li>

                        <li><a href="sp3.html">ABOUT</a></li>

                        <li><a href="m1.html">COLLECTION</a></li>

                        <li><a href="sp2.html">CONTACT</a></li>

                    </ul>

                </div>

            </nav>

            <div class="textbox">

              <br>  <h1>South India's Biggest CCTV Company</h1>

                <p>

                   <br>

                    AISS GRAND NETWORK INC is a unit of MicroNet Info com & Logistics Private Limited<br> technological solutions provider.

                </p>

                <a href=""class="hero-btn">Visit Us to Know More</a><br><br><br>

                <section id="contact">

                    <h2>Contact Us</h2><br>

                    <p>For inquiries:<br>please fill out the form below:</p>

                    <form action="contact.php" method="POST">

                      <label for="name">Name:</label>

                      <input type="text" id="name" name="name" required><br><br>

                      <label for="email">Email:</label>

                      <input type="email" id="email" name="email" required><br><br>

                      <label for="message">Message:</label>

                      <textarea id="message" name="message" rows="5" required></textarea>

                      <button type="submit">Send</button>

                      <p>&copy; 2023 Company Name. All rights reserved.</p>

                    </form>

                  </section>

            </div>

        </section>

    </body>

</html>

**OUTPUT:**

