**ON THE JOB TRAINING**

**REPORT**

*A report Submitted*

In Partial Fulfillment of the Requirements

for the Degree Of

**TECHNICAL EDUCATION**

in

**COMPUTER ENGINEERING**

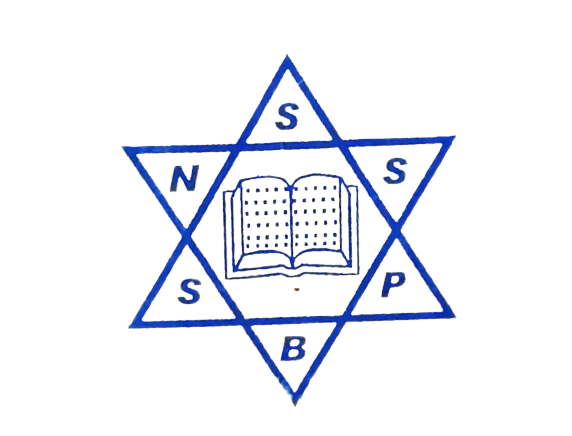
by

### Sahil Kumar Gupta Redg. No.: 773421021

**Under Supervision of**

**Mr. Wargis Mehta( Full stack Developer)**

**Mr. Anish Mehta( UX/UI Designer)**

****

**(Duration: )**

**DEPARTMENT OF COMPUTER ENGINEER**

**SHREE NRISINGH MADHYAMIK VIDYALAYA PIPRAMATH**

**BIRGUNJ-14, PARSA**

National Examination Board, Sanothimi, Bhaktapur

**~~BAISAKH, 2079~~**

Pan No.303934196

BAY20 SOFTWARE SERVICES

Geeta Mandir, Above Bakery Corner, Near Ghariarwa Pokhari, Birgunj-13(Nepal)

**TO WHOM IT MAY CONCERN**

This is certifying that Mr. Sahil Kumar Gupta. A student of Shree Nrisingh Madhyamik Vidyalaya Pipramath Birgunj-14, (Student of Technical and Vocational education) has interned with from ~~20~~~~th~~ ~~Asoj 2078 to 10~~~~th~~ ~~Baisakh 2079~~ as a Web Designer. He has worked on different website designs on the CMS like Wordpress, & Shopware. Also, he has designed Mockup on Adobe XD and have hands on experience on Basic Photoshop tools. He has successfully completed the job training (OJT) program and his work has been found to be good.

During the internship, the character and conduct of Mr. Dipesh Kumar Sah were found to be excellent. He has actively participated in various processes of the Shop and we are impressed by his work habits we take this opportunity to thank him. We wish him very successful in life.

……………………………..

Co-founder / CEO

Bay20 Software Services

Geeta Mandir, Birgunj 13(Nepal)

**SHREE NRISINGH MADHYAMIK VIDYALAYA**

PIPRAMATH, PARSA

BIRGUNJ

**DIPLOMA IN COMPUTER ENGINEERING**

**CERTIFICATE**

It is my pleasure to report that Mr. Dipesh Kumar Sah, 12th grade Technical student from ***Shree NrisinghMadhyamikVidyalaya, Birgunj-14, Pipra,Nepal*** has successful completed his/her internship and job training start from ~~20~~~~th~~~~Asoj 2077 to 10~~~~th~~ ~~Baisakh 2078.~~

In the short period of time he has gathered a lot of information from various division and its section of our Company which includes Programming, Software Testing and worked in our software.

During this time, we found him very hard working enthusiastic, and curious about the teaching related job.

We wish him/her for very success in his/her Future endeavors.

Mr. Sanjay Saxena(Co-Ordinator) …………………………..

Mr. Brijkishor Prasad Sah(Supervisor) ………………………….

Name: ………………………………… …………………………..

External

**SHREE NRISINGH MADHYAMIK VIDYALAYA**

PIPRAMATH, PARSA

BIRGUNJ

**DIPLOMA IN COMPUTER ENGINEERING**

**No Objection Letter**

***Mr. Dipesh Kumar Sah of Shree NrisinghMadhyamikVidyalaya, Birgunj-14, Parsa dt., Nepal having Symbol No. 2340264 and Registration No. 773421006*** has completed his job training with a disciplined behavior attitude. He demonstrated a sound personality during his/her tenure in our school. We have no Objection whatever regarding his/her on-the-job training(OJT) that he has undergone at our school.

Mr. Sanjay Saxena(Co-Ordinator) …………………………..

Mr. Brijkishor Prasad Sah(Supervisor) ………………………….

Name: ………………………………… …………………………..

External

**ACKNOWLEDGEMENT**

First and foremost, I humbly offer my glory and honor to the Almighty NRISINGH for the gift of life and giving me strength to perform my responsibilities as an Internee and complete the report within the stipulated time.

I am deeply indebted to my Agency supervisor Mr. Wargis & Anish Mehta, for his whole-hearted supervision during my organizational attachment, senior Developer of the Web-design and Development department, and to the entire staff of Shree Nrisingh Madhyamik Vidyalaya in Nepal for extending their support towards the success of my Organizational attachment (internship). I am also grateful to Mr. Wargis Mehta to carry out my internship from their company (Bay20 Software Services) and also for being my work place as Web-Designer. It would have been very difficult to prepare this report without their guidance

My gratitude goes to the entire computer science department of Shree Nrisingh Madhyamik Vidyalaya in Nepal for arranging Organizational attachment (internship-program) that facilitates integrating of theoretical knowledge with real life situation.

Last but not least of all, I owe so much to my whole family for their undying support, their unwavering belief that I can achieve so much unfortunately, I cannot thank everyone by name because it would take a lifetime but, I just want you all to know that you count so much, had it not been for all your prayers, love and help, I would never have completed this report. So, thank you all.

**What types of knowledge do I get by doing on-the-job training(OJT)?**

It’s Mr. Sahil Gupta from **SHREE NRISINGH MADHYAMIK VIDYALAYA PIPRAMATH BIRGUNJ-14.** I had completed my on-the-job Training in the Cosmic Computer, Birgunj Nepal. I had learned my things in this shop.

1. Learned About HTML & CSS
2. Learned About JavaScript.
3. Learned CSS and its pre-processor like LESS & SASS
4. Learned Web Library like JQuery, Bootstrap .
5. Learned about e-mailing.
6. Learned Word Press.
7. Learned GIT (Command line and GUI).
8. Learned Adobe Photoshop and XD.
9. Created Logos, Photos.
10. Created Post Banner, Websites Mockup On XD.
11. Created Website.

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**Introduction**

SHREE NRISHINGH MADHYAMIK VIDYALAYA PIPRAMATH BIRGUNJ-14, well established in Birgunj Town Since 2005 BS provides education in different sectors with government regards. It also runs computer diploma from class 9 to 12.

**On The Job Training**

OJT provides us great opportunity to enhance our skill related to job oriented capabilities. OJT plays viral role to utilize the time and enhance the work oriented skill.

#### Bay20 Software Services

Bay20 Software Consultancy Services Pvt. Ltd. started with the purpose of providing expert e-Commerce development and design services nationwide and globally. We have been able to gain popularity and growth by the virtue of great team and quality services.Bay20 Software Consultancy Services Pvt. Ltd. is an ISO 9001:2008 certified e-commerce solution provider. We are customer centric team lead by a Certified Magneto Developer Plus and ITIL Certified in IT Service Management. We are a team of experienced and passionate ecommerce Developers and Designers. The team has diversity in terms of skill-set. This diversity in skills makes us perfect team to deal with e-Commerce projects. We have a passionate team of web professionals. We have extensive experience in building robust and scalable web application with good quality

Chapter One:

**Introduction class:**

Observe my working on job style. How I am working in lab room. I am capable for it or no. If any trouble happened, then I am able to troubleshoot them or not. I am capable troubleshoot or not.

**Basic thing about Web Designing:**

Web design encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design, user interface design (UI design), authoring, including standardized code and proprietary software, user experience design (UX design), and search engine optimization.

Often many individuals will work in teams covering different aspects of the design process, although some designers will cover them all. The term "web design" is normally used to describe the design process related to the front-end (client side) design of a website including writing markup. Web design partially overlaps web engineering in the broader scope of web development. Web designers are expected to have an awareness of usability and if their role involves creating markup then they are also expected to be up to date with web accessibility guidelines.

**Advantages of web designing:**

Now’s a day web designing is part of every website. Some of the advantages are given below:

1. It sets the first impression.
2. It helps your search engine optimization (SEO) strategy.
3. It sets the impression for customer service.
4. It builds trust with your audience.
5. It creates consistency.
6. **INTRODUCTION TO HTML**

**1.1 Introduction to HTML**

HTML stands for “Hyper Text Markup Language” for creating Web pages. It describes the structure of a Web page consists of a series of elements, each containing one or more HTML tags that provide instructions on how to render each element. HTML elements tell the browser how to display the content. Each element has an opening tag and closing tag - some elements may just have a single tag - with content placed between these tags - and may enclose further HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc. HTML has opening and closing tag.

**1.1.1 Important Tags of HTML**

**1.2 HTML TABLE**

A table in HTML consists of table cells inside rows and columns. HTML tables allow web developers to arrange data into rows and columns.

1.7.1 Table Header, Body, and Footer

Tables can be divided into three portions − a header, a body, and a foot. The head and foot are rather similar to headers and footers in a word-processed document that remain the same for every page, while the body is the main content holder of the table.

The three elements for separating the **head,** **body,** and **foot** of a table are −

**<thead>** − to create a separate table header.

**<tbody>** − to indicate the main body of the table.

**<tfoot>** − to create a separate table footer.

A table may contain several **<tbody>** elements to indicate different pages or groups of data. But it is notable that **<thead>** and **<tfoot>** tags should appear before **<tbody>**

* 1. **HTML FORM**

Introduction to HTML Forms

An HTML form is used to collect user input. The user input is most often sent to a server for processing. The HTML <form> element is used to create an HTML form On the Webpage. The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

**1.8.1 INPUT TAG**

The HTML <input> element is the most used form element. An <input> element can be displayed in many ways, depending on the type attribute.

**Here are some examples:**

|  |  |
| --- | --- |
| **<input type="text">** | Displays a single-line text input field |
| **<input type="radio">** | Displays a radio button (for selecting one of many choices) |
| **<input type="checkbox">** | Displays a checkbox (for selecting zero or more of many choices) |
| **<input type="submit">** | Displays a submit button (for submitting the form) |
| **<input type="button">** | Displays a clickable button |