**INDUSTRIAL TRAINING REPORT**

at

**PCS INFINITY**

Sector 6, Noida, Uttar Pradesh

Submitted in partial fulfilment of the

Requirements for the award of

**Bachelor of Technology in Information Technology**

NNN

Submitted by

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I would like to thank my mentor Mr. Chetan who helped me with the course going on and also helped me in learning things and processes to gain a good industrial exposure in good working environment. I would also thank Mrs. Anita Chopra who has given me the opportunity to undergo six weeks of my summer training at PCS INFINITY, Noida. Last but not least, I would also like to thank my faculty Mrs. Mandeep and Mrs. Jaspreet who has always supported me and whose efforts helped me to complete my training

**PREFACE**

This report has been made as part of my six weeks summer training in HTML, CSS and Frontend Web Development. The report is prepared with the view that includes all the details regarding training that I have done in PCS INFINITY, Noida. 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. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.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. Tags such as <img /> and <input /> directly introduce content into the page. Other tags such as <p> surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags but use them to interpret the content of the page. And we have done our training in the frontend HTML and CSS

The objective of a practical training is to learn something about industries practically and to be familiar with a working style of a technical worker to adjust simply according to industrial environment and to successfully create a working model and understand the logic behind them. This report deals with the equipment’s their relation and their general operating principle and properly orient me in the industrial exposure and learn complex industrial processes, which significantly increases the accuracy of our engineering developments as proposed by the university as a part of the CT UNIVERSITY, LUDHIANA curriculum, we are required to get training in any Software development companies to gain knowledge and experience of real industrial exposure and also to obtain certificate from the organisation and make a report on what we have done throughout the duration of training

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Additionally, The Project File (.html) file is kept separately

**COMPANY PROFILE**

Home to Asset Infinity, one of the leading asset management suites, offered as a cloud-based SaaS. Asset Infinity has grown from 0 to 500+ customers rapidly within 4 years of time. Asset Infinity was started in 2016 and has become a leading asset management software. With presence across the globe, we are proud of helping Fortune 500 companies and many large & medium sized enterprises with their asset tracking, maintenance and procurement needs. Scaling rapidly, we aim to be the top asset management software vendor in terms of technology and growth.

PCS INFINITY is a privately held Software Development company under Asset Infinity. Their headquarters is situated in Noida and the company has around 51-200 employees working full time. Their specialities are in Asset & Inventory Management System, Preventive Maintenance Software, Asset Tracking, maintenance management software, RFID Tracking, IT Asset Management, Asset Management software, and CMMS Software. Asset Infinity is one of the leading asset tracking & management software widely used in various industries by a multitude of brands, hosted on the Microsoft Azure Cloud Services with 99.9% of uptime guaranteed. Every company wishes to gauge the total number of assets and maintain a register for their purchase, maintenance, and sale. They deploy a whole team to track every single asset and bring it into the system for physical audit purposes. Asset Infinity is helping many companies across the globe to track, manage and monitor the assets spread in the company and has introduced streamlined processes. Some other useful features include:

1) Preventive maintenance, schedules & reminders; which enables our clients to align complete maintenance programs for their manufacturing unit. Timely maintenance of assets helps in avoiding any losses due to sudden breakdown.

2) Inventory management can aid in the planning of stock maintenance, timely purchase of raw material to overcome sudden price fluctuations and enhance gross profit margin.

3) Complaints and ticketing process can help in the easy resolution of the issues. It also contributes to the responsibility-taking abilities of the employees.

4) Asset requisition process would help in the allocation of resources through a verified system, without any exception. It would also help in avoiding pilferage due to unaccounted purchases.

5) Depreciation management would help in deciding the net asset value and favour the maintenance of only valuable resources.

6) User management would help to ascertain restricted rights of visibility for the employees.

7) Barcoding will help in tagging the resources and monitoring the movement within the system.

**INTRODUCTION**

I became part of the Internship-Trainee program offered by PCS INFINITY during a brief 6 weeks’ time i.e.; from 29 June 2022 to 12 August 2022, which was a really wonderful and encouraging experience. Due to some health reasons (Kidney Stone -4mm callus) I wasn’t able do an onsite training, still my online experience was also worthwhile and really fruitful.

I had scheduled meetings with Mr. Chetan (Trainer) every Tuesday and Thursday, all of his sessions were really educational and fun. He introduced me to HTML and showed me a lot of applications and implementations of HTML in real life, I was really fascinated by his teaching way and my interest in this field got really big thanks to my mentor

The first 4 weeks of my training was spent by setting up my software and by basic HTML coding, it included many small programs like Setting up tables and Buttons. Later, I showed him my interest in Frontend web development, he was also excited to train me in that field. The last 2 weeks were spent in making a basic Frontend login pages and home pages, which was really hard at first because there were many different, new and hard concepts that I couldn’t grasp really well at first but later we worked really hard and completed my project, which was to create a good-looking home/Login page

The softwares which I used were Visual Studio Code, Live Server-Extension, Notepad, Chrome, Linux Systems

Infrastructure /Capabilities/ Manufacturing facilities about the firms are still unknown to me as I have only virtually attended meetings in the company.

PROJECT UNDERTAKEN

The major project during my trainee period is titled *“Eye-Catching Website with a login page”* which used Html and CSS, Visual Studio Code etc. Also, the Coding was all done under a Linux System.

I used Visual studio code to Code My frontend, at first, I created a workflow and set all the directories, and fired up my workflow, after that I started my coding and created a basic and standard HTML skeleton i.e.; Index.Html. After setting up the Html skeleton, I made the Cascading Style Sheets(.CSS) and saved the file for further future use.

After all the editing and page creation, I styled all the tags and rearranged all the structure for matching with the CSS. then, I imported the CSS files and added the directories to my workflow. Later I added the live server Extension and started my server, which resulted in opening my chrome and the webpage that I was working on. After confirming the system which I created is working properly I started working on my website.

Later I downloaded the image dependencies and strings of code from the internet from different sources. After sorting, aligning and renaming each one of them they are ready to be imported into the HTML page. Add the new work directory to the workflow. The images are added to the webpage and checked via the live server for any changes needed. Later extra efforts were given to the CSS File also for a better User Experience and better performance.

After setting up all that environment and an Eye-catching front page, I added certain java script for hyper linking the website linking and Icon packs.

With all that my webpage was exported and the finished product was created, with a lot of time and efforts.

**REFERENCES**

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**CERTIFICATE OF COMPLETION**

