

Program Book

Short Term Internship

AP STATE COUNCIL OF HIGHER EDUCATION

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

Program Book for Short-Term Internship

Name of the Student : T. Tirumalesh

Name of the College : Gates Institute of Technology.

Registration Number : 20F21A0335

Period of Internship : From: 31-04-2023 To :26-06-2023

Name & Address of the Intern Organization: Internshala

An Internship Report
On
(Web Development)

Submitted in accordance with the requirement for the degree of Bachelor of technology

Name of the College : Gates Institute Of Technology, Gooty.
Department : Mechanical Engineering.
Name of the Faculty Guide : Mr.M.Rajesh
Duration of the Internship : From 31-04-2023 To 26-06-2023
Name of the Student : T. Tirumalesh
Programme of Study : B-Tech (Mechanical Engineering)
Year of Study : 3rd year B-Tech
Register Number : 20F21A0335
Date of Submission :

ACKNOWLEDGEMENTS

We thank to our beloved honorable Managing Director **Sri. G.RAGHUNATH REDDY** Garu for providing the necessities in the completion of the internship.

At the outset we would like to extend our special thanks to our honorable correspondent **Smt. V.K. PADMAVATAMMA** garu, for providing us with good faculty and for her moral support throughout the course.

We cordially thank to our principal **Dr.S. SURAYA M.Tech, Ph.D.**, for providing the necessities in completion of this project work.

We thank to our beloved Head of Mechanical Engineering Department **Dr. B. Siddeswara Rao M.Tech, Ph.D.**, for providing us all facilities that are required for the project work.

We Express our sincere thanks to our project guide **Mr. M. Rajesh M.Tech**, Assistant Professor in Mechanical Engineering Department, Gates Institute of Technology, Gooty. Without whose innovative and imaginative approach, regular monitoring and timely advices, this project would never have been realized.

We thank to our teaching and non-teaching staff of the Department of Mechanical Engineering, **GATES INSTITUTE OF TECHNOLOGY**, Gooty, for providing kind help.

Certificate of Training

Thatipatri Thirumalesh

from Gates Institute of Technology has successfully completed an 8-week online training on **Web Development**.

The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, and Final Project modules.

Thatipatri scored 100% marks in the final assessment and is a top performer in the training.

We wish Thatipatri all the best for future endeavours.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2023-06-20

Certificate no. : 41f5xpqaopr

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

Student's Declaration

I am T.Tirumalesh a student of B-Tech Engineering college Program, Reg. No. 20F21A0335 of the Department of Mechanical Engineering, Gates Institute of Technology College do hereby declare that I have completed the mandatory internship from 31/04/2023 to 26/06/2023 in online web development Programme under the Faculty Guideship of Mr. M. Rajesh Department of Mechanical Engineering, Gates Institute of Technology, Gooty.


(Signature and Date)

Endorsements



Faculty Guide



Head of the Department



Principal
Gates Institute of Technology,
N.H.-44, Gooty Anantapur (V)
Gooty - 515 401.

CHAPTER 1

EXECUTIVE SUMMARY

WEB DEVELOPMENT

Web development is the building and maintenance of websites. It is the work that happens behind the scenes to make a website look great, work fast, and perform well with a seamless user experience.

Web developers or 'devs', do this by using a variety of coding languages. The languages they use depend on the types of tasks they are performing at the platform on which they are working.

Web development skills are in high demand worldwide and well paid too, making development a great career option. It is one of the easiest accessible higher paid fields as you do not need a traditional university degree to become qualified.

Front-end development, web content development, client-side/server-side scripting, and network security settings are all part of the web development process. Web development, in a wide sense, refers to all the actions, updates, and operations required to create, maintain, and administer a website to assure its optimal functionality, user experience, and speed.

Web development is quickly becoming one of the most appealing in today's times. But what precisely is a web developer, and what does one do? A web developer or programmer is a person who converts a web design, which has been generated by a customer or a design team, into a website. They accomplish this by writing complex codes in several languages and frameworks.

Web developers create the layout of a website, such as a visually appealing homepage and a user-friendly design (frontend which is seen by the user), and they may also produce content for it. Developers ensure that a website is function in gone all web browsers after it is launched, testing and updating it as needed. A server, an application, and a database make up a website's back end. A back-end developer creates and maintains the technology that enables the components that allow the website's user-facing side to exist. They also use databases (a database is an organized collection of data) as they support better data access.

The field of web development is generally broken down into front-end (the user-facing side) and back-end (the server side).

A front-end takes care of layout, design and interactivity using HTML, CSS and Java Script. They take an idea from the drawing board and turn it in to reality.

What you see and what you use, such as the visual aspect of the website, the drop-down menus, and the text, are all brought together by the front-end dev, who writes a series of programmes to bind and structure the elements, make them look good and add interactivity. These programmes are run through a browser.

The backend developer engineers what is going on behind the scenes. This is where the data is stored, and without this data, there would be no frontend. The backend of the web consists of the server that hosts the website, an application for running it and a data base to contain the data.

The back end device computer programmes to ensure that the server, the application, and the database run smoothly together. f This type of dev needs to analyse what a company's needs are and provide efficient programming solutions. To do all this amazing stuff they use a variety of server-side languages, like PHP, Ruby, Python and Java.

If both Frontend and Backend development to you, you could consider becoming a Full-Stack Developer.

Full-stackers take care of both the front-end and the back-end and need to know how the web works on all levels, in order to determine how the client-and server-sides will relate.

The back end device computer programmes to ensure that the server, the application, and the database run smoothly together. This type of dev needs to analyse what a company's needs are and provide efficient programming solutions. To do all this amazing stuff they use a variety of server-side languages, like PHP, Ruby, Python and Java.

If both Frontend and Backend development

to you, you could consider becoming a Full-Stack Developer.

Full-stackers take care of both the front-end and the back-end and need to know how the web works on all levels, in order to determine how the client-and server-sides will relate.

CHAPTER 2

OVERVIEW OF THE ORGANIZATION

Suggestive contents

A. Introduction of the Organization

Web development is the work involved in developing a website for the Internet or an internet. Web development can range from developing a simple single static page of plain text to complex web applications, electronic businesses, and social network services. A more comprehensive list of tasks to which Web development commonly refers, may include Web engineering, Web design, Web content development. Vision, Mission and Values of the Organization.

B. Policy of the Organization, in relation with the intern role

Performing clerical duties: Creating PowerPoint presentations, drafting reports, designing creatives, researching trends and the like. Managing social media and emails: You may be asked to handle the company's social media accounts, write emails to customers, talk to clients on the phone, and similar duties.

C. Organizational Structure.

Internshala is a dot com business with the heart of dot oraganaisation. we are a technology company on a mission to equip students with relevant skills & practical exposure to help them get the best possible start to their careers.

D.Roles and responsibilities of the employees in which the intern is placed.

job duties vary by industry, but their common responsibilities include learning and becoming proficient Intern in software, completing tasks assigned by their supervisor and attending meetings where they take minutes.

D. Performance of the Organization in terms of turnover, profits, market reach and market value.

Regulatory files accessed by business intelligence platform Toffler revealed Internshala's revenue from operations increased 88.86% to Rs 19.96 crore in FY21 from Rs 10.57 crore in FY20. The company reported net profit of Rs 12 lakh in FY21, from a net loss of Rs one crore in FY20.

E. Future Plans of the Organization.

This is the driving factor for Internshala. In the coming years, Internshala wants to take the step of providing meaningful internships to students and individuals in tier 2 and tier 3 cities by creating awareness and bringing opportunities.

CHAPTER 3: INTERNSHIP PART

- **HTML**

HTML stands for Hypertext Markup Language and it is a widely used programming language used to develop web pages. HTML is a markup language that is used to create web pages. It defines how the web page looks and how to display content with the help of elements. It forms or defines the structure of our Web Page. thus, it forms or defines the structure of our Web Page. We must remember to save your file with html extension. In this HTML Tutorial, we'll understand all the basic Concepts required to kick-start your journey in HTML.

- **CSS**

CSS (Cascading Style Sheets) is used to style and layout web pages for example, to alter the font, colour, size, and spacing of your content, split it in to multiple columns, or add animations and other decorative features. This module provides agently beginning to your path towards CSS mastery with the basics of how it works, what the syntax looks like, and how you can start using it to add styling to HTML.

- **JavaScript**

Client-side: It supplies objects to control a browser and its Document Object Model (DOM). Like if client-side extensions allow an application to place elements on an HTML form and respond to user events such as mouse clicks, form input, and page navigation. Useful libraries for the client-side are Angular JS, React JS, Vue JS and so many others.

Server-side: It supplies objects relevant to running JavaScript on a server. like if the server-side extensions allow an application to communicate with a data base and provide continuity of information from one invocation to another of the application, or perform file manipulations on a server. the useful frame work which is the most famous these days is node is.

Imperative language – In this type of language we are mostly concern about how it is to be done. It simply controls the flow of computation. The procedural programming approach, object, oriented approach comes under this like a sync a wait we are thinking what it is to be done further after a sync call.

- **Declarative programming**–In this type of language we are concern about how it is to be done, basically here logical computation require. Here main goal is to describe the desired result without direct dictation on how to get it like arrow function do.

- **Bootstrap**

Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and Java Script frame work for developing responsive, mobile-first websites. It solves many problems which we had once, one of which is the cross-browser compatibility issue. Nowadays, the websites are perfect for all the browsers (IE, Firefox, and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones). All thanks to Bootstrap developers –Mark Otto and Jacob Thornton of Twitter, though it was later declared to be an open-source project.

- **DBMS**

A database management system (or DBMS) is essentially nothing more than a computerized data-keeping system. Users of the system are given facilities to perform several kinds of operations on such a system for either manipulation of the data in the data base or the management of the database structure itself. Database Management Systems (DBMSs) are categorized according to their data structures or types.

- **PHP**

The term PHP is an acronym for PHP: Hypertext Preprocessor. PHP is a server-side scripting language designed specifically for web development. It is open source which means it is free to download and use. It is very simple to learn. The files have the extension “.PHP”.

Rasmus Lerdorf inspired the first version of PHP and participated in the later versions. It is an interpreted language, and it does not require a compiler.

PHP code is executed in the server. it can be integrated with many databases such as Oracle, Microsoft SQL Server, My SQL, PostgreSQL, Sybase, and Informix. It is powerful to hold a content management system like Word Press and can be used to control user access.

It supports main protocols like HTTP Basic, HTTP Digest, IMAP, FTP, and others. Websites like www.facebook.com and www.yahoo.com are also built on PHP. One of the main reasons behind this is that PHP can be easily embedded in HTML files and HTML codes can also be written in a PHP file.

The thing that differentiates PHP from the client-side language like HTML is, that PHP codes are executed on the server whereas HTML codes are directly rendered on the browser. PHP codes are first executed on the server and then the result is returned to the browser.

The only information that the client or browser know the result returned after executing the PHP script on the server and not the actual PHP codes present in the PHP file. Also, PHP files can support other client-side scripting languages like CSS and JavaScript.

- **React JS**

React JS is an open-source, component-based front-end library responsible only for the view layer of the application. It is maintained by Facebook.

React uses a declarative that makes it easier to reason about your application and aims to be both efficient and flexible. It designs simple views for each state in your application and react will efficiently update and render just the right component when your data changes. The declarative view makes your code more predictable and easier to debug.

A React application is made of multiple components, each responsible for rendering a small, reusable piece of HTML. Components can be nested within other components to allow complex applications to be built out of simple building blocks. A component may also maintain an internal state – for example, a Tab List component may store a variable corresponding to the currently open tab.

- **SCOPE OF WEB DEVELOPMENT**

Web designing or web development is a short-term professional job-oriented course. There are huge opportunities available for the students who want to work in this field. Many private and public organizations hire web designer for their online work and website development. With the rapid advent of online industry, the demand of web development professionals is increasing, and this has created a huge job opportunity for the aspirants in the upcoming days.

Also, an experienced person in this field can also work as a freelancer; there are many online companies which provide online projects to the individuals.

- **PGLife**

Construct the web application with web development tools (HTML, CSS, Js, React, Bootstrap, DBMS, PHP), utilising all the ideas covered in the course and concepts taught in the training, and create the database for the application with Php My Admin.

The website is called PG Life. this project keeping in mind how challenging it is for the students to search for good accommodation when they join college/university. I guess we all might also have faced the challenge of finding good accommodation when you joined college.

So, this web application helps the students to get PG their desired cities with wonderful amenities and this web application has fully functional features which meet the requirements of today's generation.

The very first thing is we need to design the web interface with the help of HTML, CSS, Bootstrap. We need to create an index page which works as index for all the pages, then we need to create login and signup page which slides on the index page when we click on the login/signup button, we also need to create property list page which shows the properties of the selected city, followed with property list page, we also need to create property details page which gives the detailed structure of particular property and at last we need to design dashboard page. This page will be accessible only if the user logs in. We will check if the user logged in or not with the help of PHP sessions.

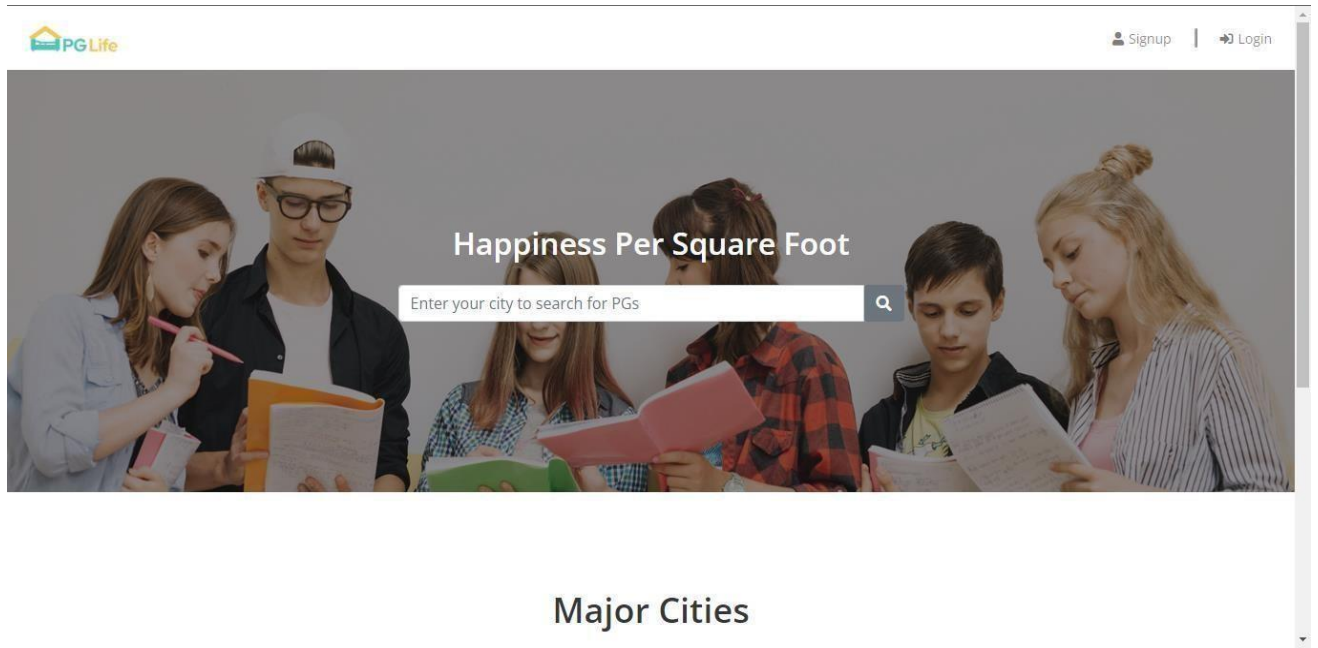


Figure-1: Index page

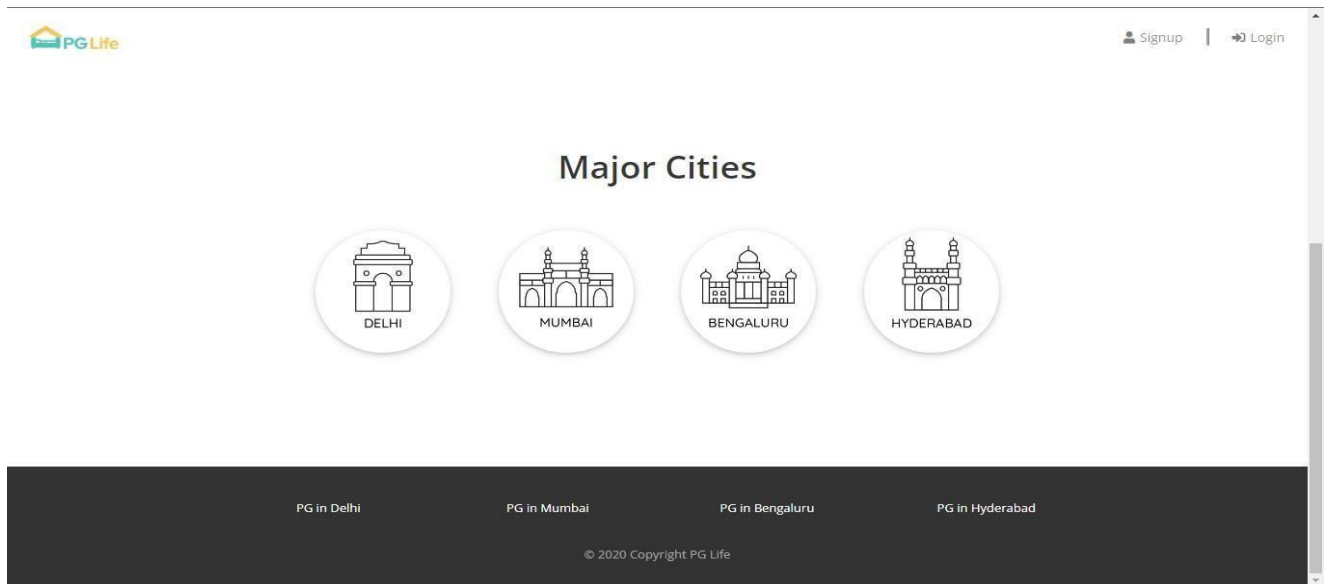


Figure-2: Cities

After this, JavaScript takes the role to add the functionalities of hover and On Click even than cities.

We also need to create database, for this, we are using Php My Admin. We need 7 tables to store the varies of information which we will get from the user.

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> amenities	★ Browse Structure Search Insert Empty Drop	13	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> cities	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> properties	★ Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> properties_amenities	★ Browse Structure Search Insert Empty Drop	52	InnoDB	utf8mb4_general_ci	48.0 KiB	-
<input type="checkbox"/> testimonials	★ Browse Structure Search Insert Empty Drop	10	InnoDB	utf8mb4_general_ci	32.0 KiB	-
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> user_interested_properties	★ Browse Structure Search Insert Empty Drop	11	InnoDB	utf8mb4_general_ci	48.0 KiB	-
7 tables	Sum	102	InnoDB	utf8mb4_general_ci	208.0 KiB	0 B

☐ Check all

FIGURE-3:DATA BASE TABLES

- **Users** – in users table we will store the details of the user who had signed up in the PG Life website.
- **Cities**–in this tables will store the details of the cities where the properties are located.
- **Properties**-in this table we will store the detail information of the property which includes the details of property description, rent details and address, etc.,
- **User_interested_properties** – In this table, we will store the properties which were plotted as interested by the user along with the details of the user which mark edit as interested.
- **Testimonials** – In this table, we will store the reviews on the property given by the customer.
- **Amenities** – In this table, we will store all the amenities provided by all the properties like (WIFI, geyser, food, parking) facilities provided by the property owner.

Figure-4: SIGN UP FORM

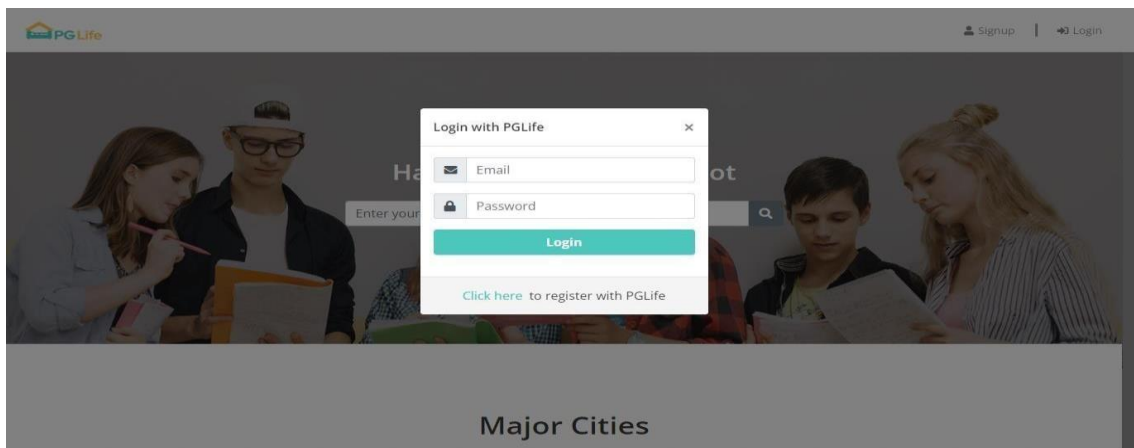


Figure-5: LOGINFORM

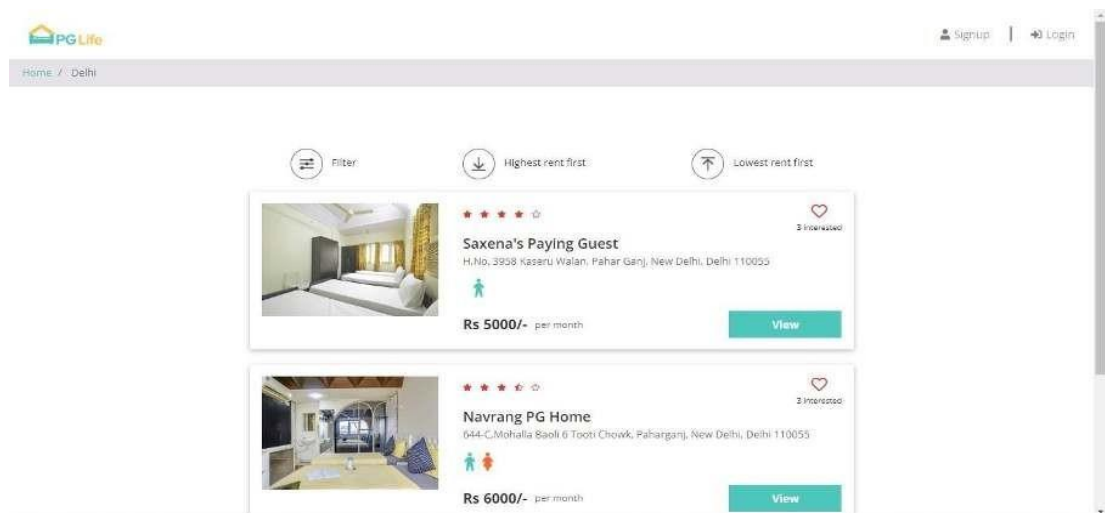


Figure-6: PROPERTY LIST PAGE

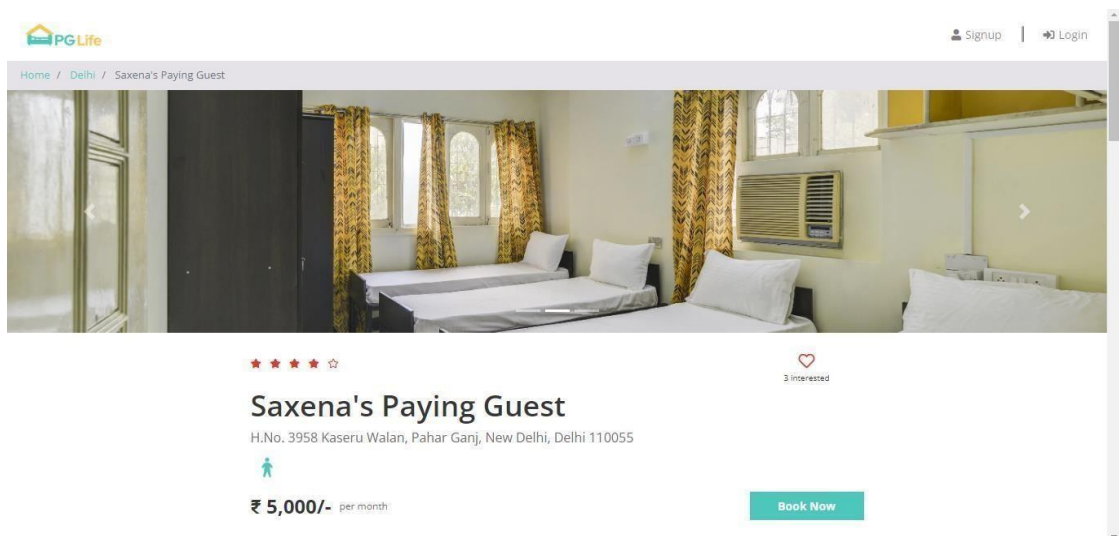


Figure-7: PROPERTY DETAIL SPAGE

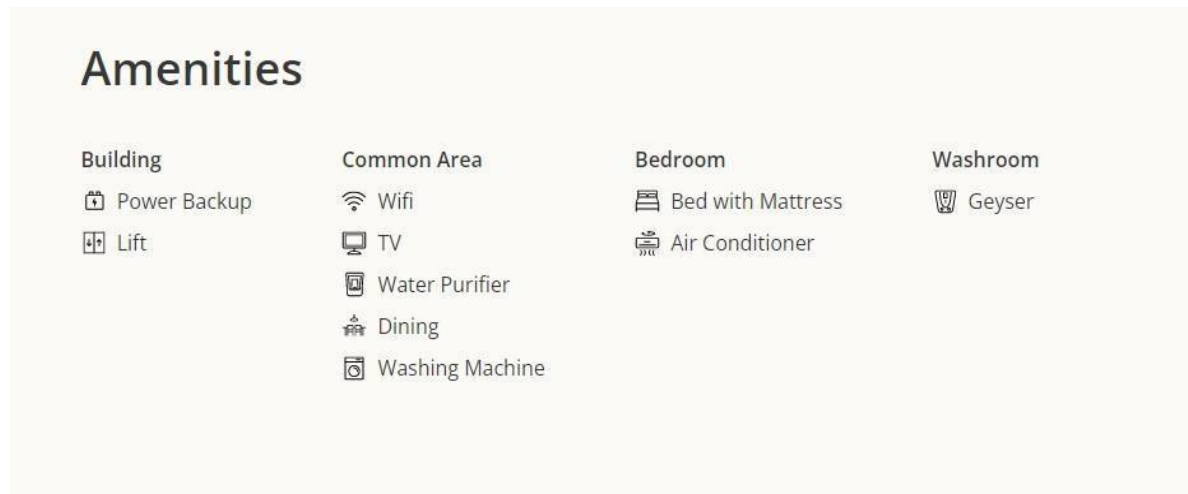


Figure-8: AMENITIES SECTION IN PROPERTY DETAIL SPAGE

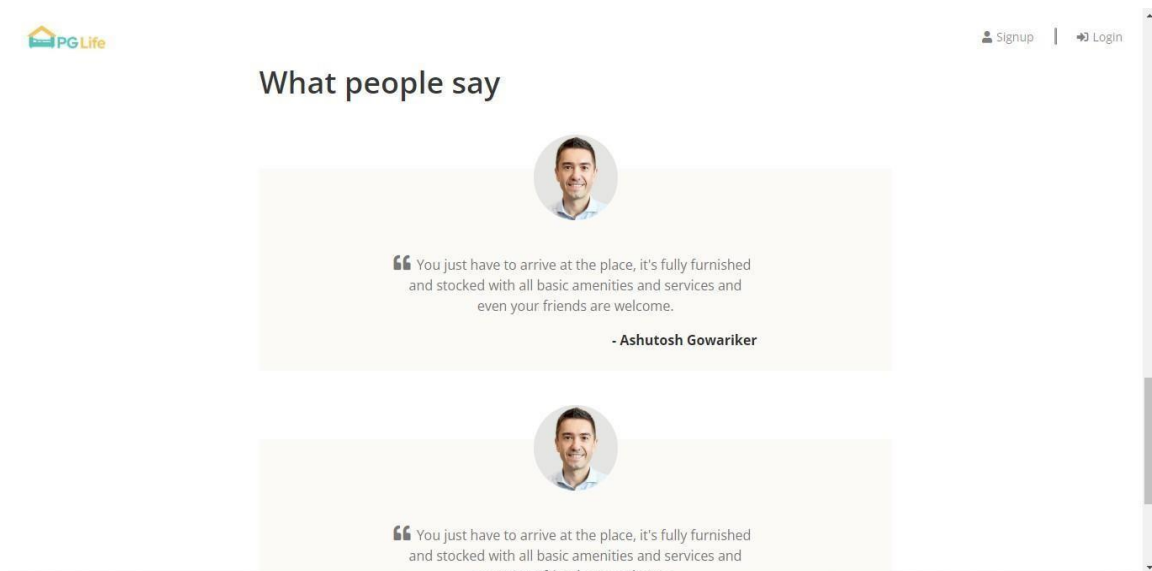


Figure-9: TESTIMONIAL SECTION IN PROPERTY DETAIL SPAGE

CHAPTER 5

OUTCOMES DESCRIPTION

Describe the work environment you have experienced

1. Structure and implement HTML/CSS.
2. Apply intermediate and advanced web development practices.
3. Implement basic JavaScript.
4. Develop a fully functioning website and deploy on a web server.
5. Find and use code packages based on their documentation to produce working results in a project.
6. Architect solutions to programming problems by combining visual components and classes.
7. Develop JavaScript applications that transition between states.
8. Identify mobile strategies and design for multiple operating systems.
9. Derive information from data and implement data into applications.
10. Authenticate, store, and structure user data <ul style="list-style-type: none">➤ Develop fully working applications that can be used on cross-platforms.➤ Disambiguate the different structures that a no SQL database may represent.➤ Implement a RESTful backend API for storing and retrieving data via AJAX calls.➤ Use web sockets to allow multiple synchronous access to a shared dataset.➤ Secure a database from nefarious incursions.

Describe the real time technical skills you have acquired

1. Front-end Coding: The standard markup language for building web pages is HTML (Hypertext Markup Language). CSS (Cascading Style Sheet) is the language used to create the page's layout, colors, fonts and style. It's also the language used to be sure websites are attractive and functional on different devices and screen sizes. To be effective in the fundamentals of web development, you will need to be proficient in both languages.

2. Git: Web developers use something called a version control system to track and revise code changes. Git is a code versioning technology that allows them to keep track of the changes they've made in code and then go back and review them before making further changes. Many people consider this skill a must-have for full-stack web developers working under tight deadlines.

3. Responsive Design: The widespread use of mobile devices has made responsive website design an absolute necessity. The term responsive means the website will automatically adapt itself to the size of different screens – such as computers, tablets and smart phones – and function equally well on all of them.

4. Back-end Web Programming Languages:

PHP, or PHP Hypertext Preprocessor: A general-purpose scripting language used in the development of server-side applications. It has a large ecosystem of users who've built libraries, automation tools and frameworks to make it easier to use.

Java: A versatile, object-oriented programming language that is widely used for developing enterprise-scale web applications, desktop and scientific applications and in big data.

Describe the managerial skills you have acquired

➤ I have learned how to effectively plan and prioritize modules.
➤ Ability to follow and learn trending standards of the industry: As I told before, the web technologies have been evolving into and new shape every day. there come new versions of the technologies with new libraries and functions which need to be brushed up to develop a website of today standards.
➤ Knowledge about the different plat forms and browsers: The reason for these kinds of doubts inspires from the behavior of the web elements like as the tag in HTML. The marquee generally works on other browsers, but when it comes to Chrome, it runs faster than the set value.
➤ Should understand users' interface of the application: The developers who are responsible for back-end coding should understand how the front-end design and the user interface works or else the whole application may collapse into ugly ogre eating up bandwidth.
➤ Optimized coding skills and testing: Web development or any other job is not to get it done by any chance by the end of the day. Any task should be coded smartly optimized. Too many lines of codes, though perform the task, not the real work skill. Like the father of the software giant, Microsoft, Bill Gates says “Do not hire a programmer who writes too many lines of code” says it all.
➤ Good communication skills with the designers and clients: . The right communication with the designers and clients will reduce the gap between the requirement and the final product.
➤ Wrapping up: To catch the speed of the ever-innovating web technologies, an average developer should possess the above five skills for the betterment of his career and the promised future of the company he is working in. Not just these there are certainly other things that a web developer should be aware of, say testing. It is recommended to have some testing skills to test the application

Describe how you could improve your communication skills

- | |
|--|
| <p>➤ I could improve my communication skills in terms of to improve my oral communication skills, I could practice speaking in public or in meetings more frequently, and work on my tone, pacing, and enunciation.</p> |
| <p>➤ To improve my written communication skills, I could focus on being more concise and clearer in my writing, and work on my grammar and spelling.</p> |
| <p>➤ To improve my conversational abilities, I could work on being an active listener and asking thoughtful questions that show that I'm engaged in the conversation.</p> |
| <p>➤ To improve my confidence levels while communicating, I could practice my communication skills in safe environments, such as with friends or family members. I could also work on building my self-confidence more broadly, such as by focusing on my strengths and accomplishments.</p> |
| <p>➤ To manage anxiety while communicating, I could practice relaxation techniques such as deep breathing or visualization exercises.</p> |
| <p>➤ To improve my understanding of others, I could practice active listening and try to put myself in others' shoes.</p> |
| <p>➤ To improve my ability to articulate key points, I could practice summarizing information in a clear and concise manner.</p> |
| <p>➤ To close conversations effectively, I could summarize key points and next steps, and express gratitude for the conversation</p> |
| <p>➤ To maintain niceties and protocols, I could focus on being polite and respectful in all of my interactions, and following established communication norms within my organization or industry.</p> |
| <p>➤ To improve my greeting, thanking, and appreciating skills, I could practice thanking others more frequently, such as by sending thank-you notes or expressing gratitude in person</p> |

Describe how you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

➤ To enhance my abilities in group discussions and team participation,
➤ I could focus on active listening and effective communication, as well as building strong relationships with my team members.
➤ I could also work on developing my problem-solving skills and taking initiative when needed
➤ When participating in teams, I can contribute by being reliable, communicative, and willing to take on tasks
➤ To become a better leader, I could focus on setting clear goals and expectations, delegating tasks effectively, and providing constructive feedback to team members.
➤ I can also enhance my abilities in group discussions by doing research and preparing beforehand, and by being respectful and considerate of others' opinions
➤ When participating in teams, I can also build trust and rapport with my colleagues by being supportive and encouraging.
➤ As a leader, I can also motivate and inspire my team members, and provide guidance and mentorship.
➤ Additionally, I can seek feedback from my team members and use it to improve my leadership skills.
➤ When I speak, be clear and concise. Avoid using jargon or technical terms that others may not understand.
➤ Also, be mindful of my tone and body language, as these can affect how others perceive me.
➤ If I want to lead a team or activity, focus on developing my leadership skills. This could include taking on leadership roles in student organizations or volunteering for leadership opportunities in my community

Describe the technological developments you have observed and relevant to the subject area of training

1. Browsers

Browsers request information and then they show us in the way we can understand. Think of them as the interpreters of the web. Here are the most popular ones:

Google Chrome – Currently, the most popular browser brought to you by Google

Safari – Apple's web browser

Firefox – Open-source browser supported by the Mozilla Foundation

Internet Explorer – Microsoft's browser

2. HTML & CSS

HTML is one of the first you should learn. Thanks to HTML, the web browsers know what to show once they receive the request. If you want to better understand how HTML works, you also need to know what CSS is.

CSS stands for Cascading Style Sheets and it describes how HTML elements are to be displayed on the screen. If you browse enough tutorials, you'll soon create CSS text effects, page transitions, image hover effects, and more.

3. Web Development Frameworks

Web development frameworks are a starting point of items that a developer can use to avoid doing the simple or mundane tasks, and instead get right to work.

4. Programming Languages

As we explained before, since computers don't use languages that are anything like human languages, they need a different way to communicate. Here are some of the most popular programming languages:

JavaScript – used by all web browsers, Meteor, and lots of other frameworks

CoffeeScript – a “dialect” of JavaScript. It is viewed as simpler but it converts back into JavaScript

Python– used by the Django framework as well as in the majority of mathematical calculations

Ruby – used by the Ruby on Rails framework

PHP – used by WordPress to create those WYSIWYG editors that everyone is using now. It’s also used by Facebook, Wikipedia, and other major sites

Go – newer language, built for speed

Swift – Apple’s newest programming language

Java – used by Android and a lot of desktop applications.

7. Data formats







Data is stored in a structure called a data format.

JSON – JavaScript Object Notation is a syntax for storing and exchanging data (just like XML). It is currently becoming the most popular data format out there.

XML – Predominantly used by Microsoft systems, it used to be the most popular data format

CSV – is data formatted by commas; for example, Excel data

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILYACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day-1 1/5/23	Attended virtual webinar class onWeb Development in Internshala	Intro ofHTML	
Day - 2 2/5/23	Attended virtual webinar class onWeb Development in Internshala	Display content withhelp of elements	
Day – 3 3/5/23	Attended virtual webinar class onWeb Development in Internshala	Structure of Web Page	
Day – 4 4/5/23	Attended virtual webinar class onWeb Development in Internshala	Programming language used in HTML	
Day – 5 5/5/23	Attended virtual webinar class onWeb Development in Internshala	Saving file with .html	
Day – 6 6/5/23	Attended virtual webinar class onWeb Development in Internshala	Understanding all basicof HTML	

WEEKLY REPORT

WEEK – 1 (From 1/5/23 to 6/5/23)

Objective of the Activity Done: Hypertext Markup language (HTML)

Detailed Report:

HTML stands for Hypertext Markup Language and it is a widely used programming language used to develop web pages.

HTML is a markup language that is used to create web pages.

It defines how the web page looks and how to display content with the help of elements







It forms or defines the structure of our Web Page. thus, it forms or defines the structure of our Web Page.

We must remember to save your file with .html extension

In this HTML Tutorial, we'll understand all the basic concepts required to kick-start your journey in HTML

[illegible]

ACTIVITY LOG FOR THE SECOND WEEK







DAY & DATE	BRIEF DESCRIPTION OF THE DAILYACTIVITY	LEARNING OUTCOME	Person In-charge Signature
DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	
Day – 1 8/5/23	Attended virtual webinar class on Web Development in Internshala	Intro of CSS	
Day – 2 9/5/23	Attended virtual webinar class on Web Development in Internshala	Using of CSS	
Day – 3 10/5/23	Attended virtual webinar class on Web Development in Internshala	Style and layout Web page	
Day – 4 11/5/23	Attended virtual webinar class on Web Development in Internshala	Adding Animation	
Day – 5 12/5/23	Attended virtual webinar class on Web Development in Internshala	Creating syntax & how it looks like	
Day – 6 13/5/23	Attended virtual webinar class on Web Development in Internshala	CSS is used to style HTML	

WEEKLY REPORT

WEEK – 2 (From 8/5/23 to 13/5/23)

[illegible]

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1 15/5/23	Attended virtual webinar class on Web Development in Internshala	Intro of JavaScript	
Day – 2 16/5/23	Attended virtual webinar class on Web Development in Internshala	Understanding Client-side	
Day – 3 17/5/23	Attended virtual webinar class on Web Development in Internshala	Understanding Server-Side	
Day – 4 18/5/23	Attended virtual webinar class on Web Development in Internshala	Understanding Imperative language	
Day – 5 19/5/23	Attended virtual webinar class on Web Development in Internshala	Understanding Declarative programming	
Day – 6 20/5/23	Attended virtual webinar class on Web Development in Internshala	Learn all basic about JavaScript	

WEEKLY REPORT

WEEK – 3 (From 15/5/23 to 20/5/23)

Objective of the Activity Done: JavaScript

Detailed Report:

CLIENT-SIDE: client-side extensions allow an application to place elements on an HTML form and respond user events such as mouse clicks, form input.

Useful libraries for the client-side are Angular, React.

SERVER-SIDE: server-side extensions allow an application to communicate with a database and provide continuity of information







The useful framework which is the most famous these days is `node.js`.

IMPERATIVE LANGUAGE: It simply controls the flow of computation

DECLARATIVE PROGRAMMING: main goal is to describe the desired result without direct dictation on how to get it like arrow function do.

[illegible]

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILYACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1 22/5/23	Attended virtual webinar class onWeb Development in Internshala	Intro of Bootstrap	
Day – 2 23/5/23	Attended virtual webinar class onWeb Development in Internshala	Understanding Opensource tools	
Day – 3 24/5/23	Attended virtual webinar class onWeb Development in Internshala	Creating responsive website	
Day – 4 25/5/23	Attended virtual webinar class onWeb Development in Internshala	Mobile first website	
Day – 5 26/5/23	Attended virtual webinar class onWeb Development in Internshala	Solving cross-browser issues	
Day – 6 27/5/23	Attended virtual webinar class onWeb Development in Internshala	Understanding bootstrap	

WEEKLY REPORT

WEEK – 4 (From 22/5/23 to 27/5/23)

Objective of the Activity Done: Bootstrap

Detailed Report:







Bootstrap is a free and open-source tool collection for creating responsive websites and web applications

It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. It solves many problems which we had once, one of which is the cross-browser compatibility issue

Nowadays, the websites are perfect for all the browsers (IE, Firefox, and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones).

[illegible]

ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1 29/5/23	Attended virtual webinar class on Web Development in Internshala	Intro of DBMS	
Day – 2 30/5/23	Attended virtual webinar class on Web Development in Internshala	Computerized Data-keeping	
Day – 3 31/5/23	Attended virtual webinar class on Web Development in Internshala	Management of database structure	
Day – 4 1/6/23	Attended virtual webinar class on Web Development in Internshala	Categorizing DBMSs	
Day – 5 2/6/23	Attended virtual webinar class on Web Development in Internshala	Manipulation of data	
Day – 6 3/6/23	Attended virtual webinar class on Web Development in Internshala	Understanding DBMS	

WEEKLY REPORT

WEEK – 5 (From 29/5/23 to 3/6/23)

Objective of the Activity Done: Data Base Management System (DBMS)

Detailed Report:







A database management system (or DBMS) is essentially nothing more than a computerized data-keeping system

Users of the system are given facilities to perform several kinds of operations on such a system for either manipulation of the data in the database or the management of the database structure itself.

Database Management Systems (DBMSs) are categorized according to their data structures or types.

[illegible]







ACTIVITY LOG FOR THE SIXTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1 5/6/23	Attended virtual webinar class on Web Development in Internshala	Intro of PHP	
Day – 2 6/6/23	Attended virtual webinar class on Web Development in Internshala	Server-side Scripting language	
Day – 3 7/6/23	Attended virtual webinar class on Web Development in Internshala	Integration of database	
Day – 4 8/6/23	Attended virtual webinar class on Web Development in Internshala	User control access	
Day – 5 9/6/23	Attended virtual webinar class on Web Development in Internshala	Protocols (HTTP, IMAP, FTP)	
Day – 6 10/6/23	Attended virtual webinar class on Web Development in Internshala	Understanding PHP	

WEEKLY REPORT

WEEK – 6 (From 5/6/23 to 10/6/23)[illegible]

ACTIVITY LOG FOR THE SEVENTH WEEK







DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1 12/6/23	Attended virtual webinar class on Web Development in Internshala	Intro of React is	
Day – 2 13/6/23	Attended virtual webinar class on Web Development in Internshala	Component based Front-end library	
Day – 3 14/6/23	Attended virtual webinar class on Web Development in Internshala	Declarative paradigms	
Day – 4 15/6/23	Attended virtual webinar class on Web Development in Internshala	Nested within components	
Day – 5 16/6/23	Attended virtual webinar class on Web Development in Internshala	View layer of application	
Day – 6 17/6/23	Attended virtual webinar class on Web Development in Internshala	Understanding React is	

WEEKLY REPORT

WEEK – 7 (From 12/6/23 to 17/6/23)

[illegible]

ACTIVITY LOG FOR THE EIGHT WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1 19/6/23	Attended virtual webinar class on Web Development in Internshala	Creating web application	
Day – 2 20/6/23	Attended virtual webinar class on Web Development in Internshala	Creating Web Interface using HTML, CSS, Bootstrap	
Day – 3 21/6/23	Attended virtual webinar class on Web Development in Internshala	Adding functionalities Using Java Scripts	
Day – 4 22/6/23	Attended virtual webinar class on Web Development in Internshala	Database using PhpMyAdmin	
Day – 5 23/6/23	Attended virtual webinar class on Web Development in Internshala	User interface properties	
Day – 6 24/6/23	Attended virtual webinar class on Web Development in Internshala	Created web application	

WEEKLY REPORT

WEEK – 8 (From 19/6/23 to 24/6/23)[illegible]

Student Self Evaluation of the Short-Term Internship

Student Name: & Registration No: T. Tiromalesh 20F21A0335

Term of Internship: From To

Date of Evaluation:

Organization Name & Address: Intuushala

Name & Address of the Supervisor
with Mobile Number:

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1) Oral communication	1	2	3	(4)	5
2) Written communication	1	2	3	(4)	5
3) Initiative	1	2	3	4	(5)
4) Interaction with staff	1	2	3	4	(5)
5) Attitude	1	2	(3)	4	5
6) Dependability	1	2	3	(4)	5
7) Ability to learn	1	2	(3)	4	5
8) Planning and organization	1	2	3	(4)	5
9) Professionalism	1	(2)	3	4	5
10) Creativity	1	2	3	(4)	5
11) Quality of work	1	2	3	4	(5)
12) Productivity	1	2	3	4	(5)
13) Progress of learning	1	2	3	4	(5)
14) Adaptability to organization's culture/policies	1	2	3	(4)	5
15) OVERALL PERFORMANCE	1	2	3	(4)	5

T. Tiromalesh
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: & Registration No: T. Tirumalesh 20F21A0335

Term of Internship: From _____ To _____

Date of Evaluation: _____

Organization Name & Address: Internshala


Name & Address of the Supervisor
with Mobile Number: _____

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

1) Oral communication	1	2	3	4	5
2) Written communication	1	2	3	4	5
3) Initiative	1	2	3	4	5
4) Interaction with staff	1	2	3	4	5
5) Attitude	1	2	3	4	5
6) Dependability	1	2	3	4	5
7) Ability to learn	1	2	3	4	5
8) Planning and organization	1	2	3	4	5
9) Professionalism	1	2	3	4	5
10) Creativity	1	2	3	4	5
11) Quality of work	1	2	3	4	5
12) Productivity	1	2	3	4	5
13) Progress of learning	1	2	3	4	5
14) Adaptability to organization's culture/policies	1	2	3	4	5
15) OVERALL PERFORMANCE	1	2	3	4	5


Signature of the Supervisor

PHOTOS & VIDEO LINKS

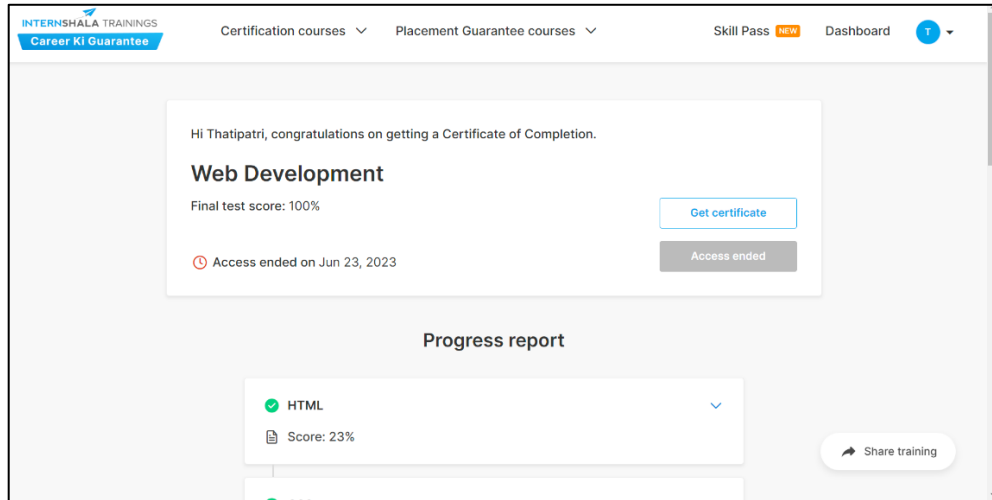


Image 1 : Result of Final Test

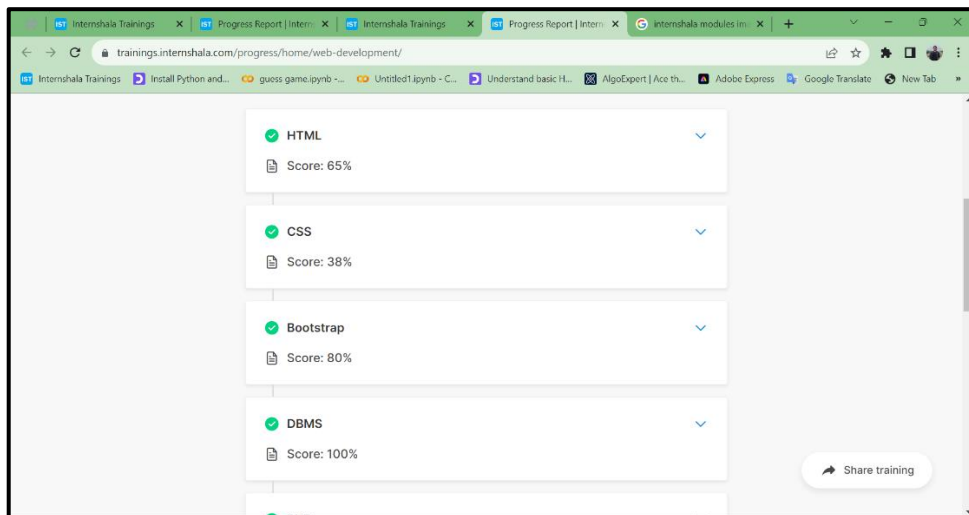


Image 2: Result of Phase -1 Modules

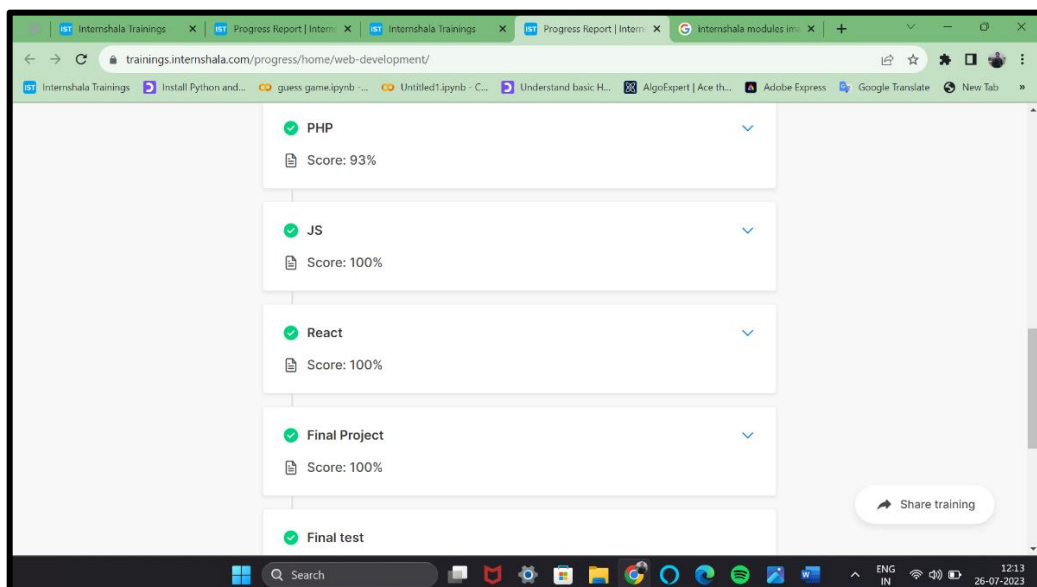


Image 3: Result of Phase -2 Modules