INDUSTRIAL TRAINING SYNOPSIS

On

WEB DEVELOPMENT COURSE

Submitted By

KARTIK VARSHNEY
Roll No. : 181500313

Department of Computer Engineering and Applications
Institute of Engineering & Technology

GLA University
Mathura – 281406, INDIA
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Student Information :

Name : Kartik Varshney	University Roll No. : 181500313
Mobile : 9808391808	Email : kartik.varshney_cs18@gla.ac.in

Information about organization :

Organization Name with Full Address	Udemy udemy inc, San Francisco, California, U.S.
Contact Person : Jason Brewer	Name & Designation: IOS/ Web Engineer Mobile /Email : Contact Link

Project Information :

Title of Project / Training	Web Development Masterclass – Full Certification Course
Role & Responsibility	Student

Technical Details	Hardware Requirement
	     Laptop or Desktop
	     Minimum 4GB of RAM is required
	     Minimum 200MB free space is required
	
	Software Requirement
	     Visual Studio Code(VS Code)
	     Google Chrome
	     XAMPP
	     Git and Github

Training Implementation	Partial Implemented
Training Period	Start Date : 15 May, 2020 End Date : 25 June, 2020 Duration of Training(in weeks) : 6 weeks

Summary of the Training Work :

INTRODUCTION

In this summer training work I register for an Online course from Udemy on Web Development Masterclass Certification Course instructor is from YouAccel an open source platform for learning run by MIT.

In this course I gained a lot of knowledge about the Web Development. This course contains HTML5, CSS3, BootStrap, Java Script, JQuery, PHP and MySQL Database. During this

Certification course I came to know my abilities to learn new Technologies and also use these technologies in building a project related to these technologies which provide me hands on experience to develop a project.

OBJECTIVE

The main objective of this course is to gain knowledge about Web Development.

AREA OF Computer Science

This project belongs to Web Development area of Computer Science which uses HTML, CSS, JavaScript, JQuery, BootStrap, PHP and MYSQL database.

TECHNOLOGIES LEARNED AND USED

HTML5 : HTML(Hyper Text Markup language), in which there are lots of different modules. HTML is used for the basic structure of the website and it defines the content of the website to be shown to the user. And it links all the pages of same website together.

CSS3 : CSS(Cascading Style Sheets), it is used to place every attribute of the website to their respective positions, design the website and make it user friendly. Also it controls the colours, fonts, and layouts of your website elements.

BOOTSTRAP : It is a potent front-end framework used to create modern websites and web apps. It's open-source and free to use, yet features numerous HTML and CSS templates for UI interface elements such as buttons and forms. Bootstrap also supports JavaScript extensions.

JAVASCRIPT : It is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive. Where HTML and CSS are languages that give structure and style to web pages, JavaScript gives web pages interactive elements that engage a user.

JQUERY : It is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website. Jquery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

PHP : It is a server side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages.

Methodology and Implementation Details

The project which I develop after this course I used most of the concept that I have learned in this course related to the front end development technologies also with the back end technologies and server side programming using PHP, Bootstrap to make the website more responsive to increase the acceptability of website and to minimize the hardware dependency and use the concept of Software Engineering for the analysis of the problem and Software Requirement, Software Design, also uses the concept of Database to develop the schema and E-R Diagram models. I created 10 small and medium size modules for different work such as connectivity to database, for front end.

In this course I mainly focused on the front end part development.

REFERENCES

Google Fonts
Bootstrap
HTML and CSS documentation
JavaScript Documentation
Font Awesome
Google