A
Summer Internship Report
On
E-Commerce Website

(IT346 Summer Internship-I)

Prepared by
Hens Chetankumar Patel (20IT093)

Under the Supervision of
Nita Jadav

Submitted to

Charotar University of Science & Technology (CHARUSAT)
for the Partial Fulfillment of the Requirements for the
Degree of Bachelor of Technology (B.Tech.)
for Semester 5

Submitted at

**SMT. KUNDANBEN DINSHA PATEL DEPARTMENT OF
INFORMATION TECHNOLOGY**
Chandubhai S. Patel Institute of Technology (CSPIT)
Faculty of Technology & Engineering (FTE), CHARUSAT
At: Changa, Dist: Anand, Pin: 388421.
July, 2022

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Accredited with Grade A + by NAAC
Accredited with Grade A by KCG

CERTIFICATE

This is to certify that the report entitled **IT-Company Website** is a bonafied work carried out by **Hens Chetankumar Patel (20IT093)** under the guidance and supervision of **Nita Jadav** & **Kushang Joshi** for the subject **Summer Internship -I (IT346)** of 5th Semester of Bachelor of Technology in **Department of Information Technology** at Chandubhai S. Patel Institute of Technology (CSPIT), Faculty of Technology & Engineering (FTE) - CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate himself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred by the examiner(s).

Under the supervision of,

Nita Jadav
Assistant Professor
Smt. Kundanben Dinsha Patel Department of
Information Technology
CSPIT, FTE, CHARUSAT, Changa, Gujarat.

Mr. Kushang Joshi
CFO
Raven Technolabs

Dr. (Prof.) Parth Shah
Head of Department (IT)
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Faculty of Technology & Engineering (FTE), CHARUSAT

At: Changa, Ta. Petlad, Dist. Anand, Pin: 388421. Gujarat.

RAVEN TECHNOLABS

INSPIRED BY IMAGINATION

Certificate of Completion

Dear **Mr. Hens Patel**

This letter serves to certify that **Ms. Hens Patel**, a **B.Tech** in **Charusat University**, has successfully completed summer internship at our company, **Raven Technolabs**, held last 15th May 2022 to 29th June 2022.

Our company's internship program includes Summer Internship Program which he had the privilege to experience He showed enthusiasm in learning and involved himself in every task required or assigned to him during his internship under **Web Development**. only heard good and positive feedbacks from **Mr. Kushang Joshi** who is his immediate supervisor during the internship program.

I have enclosed in this letter the official certificate of **Ms. Hens Patel** regarding his successful completion of our internship program. We at **Raven Technolabs** wish him the best and success in his life and career.

Yours sincerely,

Mr. Vivek Purohit
CEO

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info@raventechnolabs.com

204 Skylar,Corporate Rd,Prahlad Nagar, Ahhmedabad,Gujrat 380015

Abstract

The main purpose and objective of this student life is to get industry ready and that is why a proper, well planned and executed industrial training is important. It helps to develop a perspective where we can approach problem from the industrial point of view and build a professional attitude. The main aim of this internship was to let ourselves in on the environment and work space of the industry and be aware about the skills, decorum, work ethics and team work that is to be maintained for the same. This is what will help us, the student of Computer Engineering, be ready for the future and master not only the technical but other skills like communication as well. During this internship of weeks, we dived deeper into the concepts of HTML, CSS, Bootstrap ,Java-Script etc. We worked on various independent task and also on creating a fully responsive website.

ACKNOWLEDGEMENT

The internship opportunity I had with Raven Technolabs was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided with an opportunity to be a part of it. I am also grateful for having a chance to meet so many wonderful people and professionals who led me through this internship period.

Bearing in mind previous I am using this opportunity to express my deepest gratitude and special thanks to CFO of Raven Technolabs who inspite of being extraordinarily busy with his duties, took time out of hear, guide and keep me on the correct path and allowing me to carry out my project at their esteemed organization and extending during the training. I express my deepest thanks to Kushang Joshi, CFO for taking part in useful decision and giving necessary advices and guidance and arranged all facilities to make life easier.

I perceive as this opportunity as a big milestone in my career development. I will strive to use gained skills and knowledge in the best possible way, and I will continue to work on their improvement, in order to attain desired career objectives.

DESCRIPTION OF COMPANY

Raven Technolabs is an established web development and mobile app development company delivering web development, web design and mobile app development services of any complexity to clients nationwide. Being in IT business for quite a few years, they have a strong team of skilled and experienced IT experts. Their customers are companies of all sizes ranging from startups to large enterprises who realize that they need a professional internet solution to generate revenue streams, establish communication channels or streamline business operations.

Their strategic and organized approach towards all their projects, flexible business models, quick responses and commit customer support makes them predominant over their competitors. They make sure that all their clients not only get the best value for their money with their deliverables but also the applications they develop serves the purpose of their very being. They help us to improve our online presence through cutting-edge user-friendly website by understanding our business and requirements.

Nature of Business: Software Development

Website: https://www.raventechnolabs.com/

Company Size: 11 to 50 Employees

Headquarters: Rajkot, Gujarat.

Type: Partnership

Founded: 2020

Specialties: E-commerce

Location: RK Empire -1317 , opp, gallaria hotel,

   Rajkot, gujarat 360001, IN

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Chapter 1 – Introduction

1.1 Internship Objectives

- Internships are generally thought to be of the college students looking to gain experience in their interested and a particular field. However, a wide array of people can benefit from training internships in order to receive real world experience and develop their skills.
- An objective for this position should emphasize the skills you already possess in the area and your interest in learning more.
- Internships are utilized in a number of different career fields, including architecture, engineering, healthcare, economics, advertising and many more.
- Some internship is used to allow individuals to perform scientific research while others are specifically designed to allow people to gain first-hand experience working.
- Utilizing internships is a great way to build your resume and develop skills that can be emphasized in your resume for future jobs. When you are applying for a training internship, make sure to highlight any special skills or talents that can make you stand part apart from the rest of the applicants so that you have an improved chance of landing the position.

1.2 Overview of Internship activities

Table 1.1 Weekly Report

Week	Topic
Week 1	Introduction to Front-end web dev
Week 2	Application of Html, CSS
Week 3	Application of bootstrap and JS
Week 4	Development of Contact Us page
Week 5	Development of Home Page
Week 6	Introduction to React-JS

Chapter 2 – Tools and Technologies

2.1 Introduction to Html, CSS

- Using HTML5 and CSS3 provides advantages to businesses that develop and deploy web content and web applications, to create refined and accurate web pages and web systems that operate across devices, operating systems and web browsers. Write once, run anywhere.
- The plethora of devices, operating systems and screen sizes present numerous design, functional and layout considerations and problems if standards are not adhered to.

2.2 Introduction to Boostrap

- Bootstrap is a <u>free and open source</u> <u>front end</u> development framework for the creation of websites and <u>web apps</u>. The <u>Bootstrap framework</u> is built on <u>HTML</u>, <u>CSS</u>, and JavaScript (<u>JS</u>) to facilitate the development of <u>responsive</u>, <u>mobile-first</u> sites and apps.

- Responsive design makes it possible for a web page or app to detect the visitor's screen size and orientation and automatically adapt the display accordingly; the mobile first approach assumes that <u>smartphones</u>, <u>tablets</u> and task-specific Mobile apps are employees' primary tools for getting work done and addresses the requirements of those technologies in design.

2.3 Introduction to Javascript

- JavaScript is mainly used for web-based applications and web browsers. But JavaScript is also used beyond the Web in software, servers and embedded hardware controls.

    Here are some basic things JavaScript is used for:

- Adding interactive behavior to web pages

- Creating web and mobile apps

- Building web servers and developing server applications

2.4 Introduction to ReactJS

- React.js is an open-source JavaScript library that is used for building user interfaces specifically for single-page applications. It's used for handling the view layer for web and mobile apps. React also allows us to create reusable UI components. React was first created by Jordan Walke, a

software engineer working for Facebook. React first deployed on Facebook's newsfeed in 2011 and on Instagram.com in 2012.

- React allows developers to create large web applications that can change data, without reloading the page. The main purpose of React is to be fast, scalable, and simple. It works only on user interfaces in the application. This corresponds to the view in the MVC template. It can be used with a combination of other JavaScript libraries or frameworks, such as Angular JS in MVC.

2.5 VS Code
- Visual Studio Code, commonly known as VS Code, is a source-code editor made by Microsoft for Windows, Linux and MacOS.
- It can be used with variety of programming languages, including JavaScript, Node JS, Python, C++, C, etc.
- Instead of a project system, it allows users to open one or more directories, which can then saved be in workspaces for future reuse. It supports many programming languages and set of features that differs per language.

Chapter 3 – Task Description

Week :-1

3.1 Introduction to Html

3.2 Introduction to CSS

Fig 3.2.1 Html And Css of Navbar
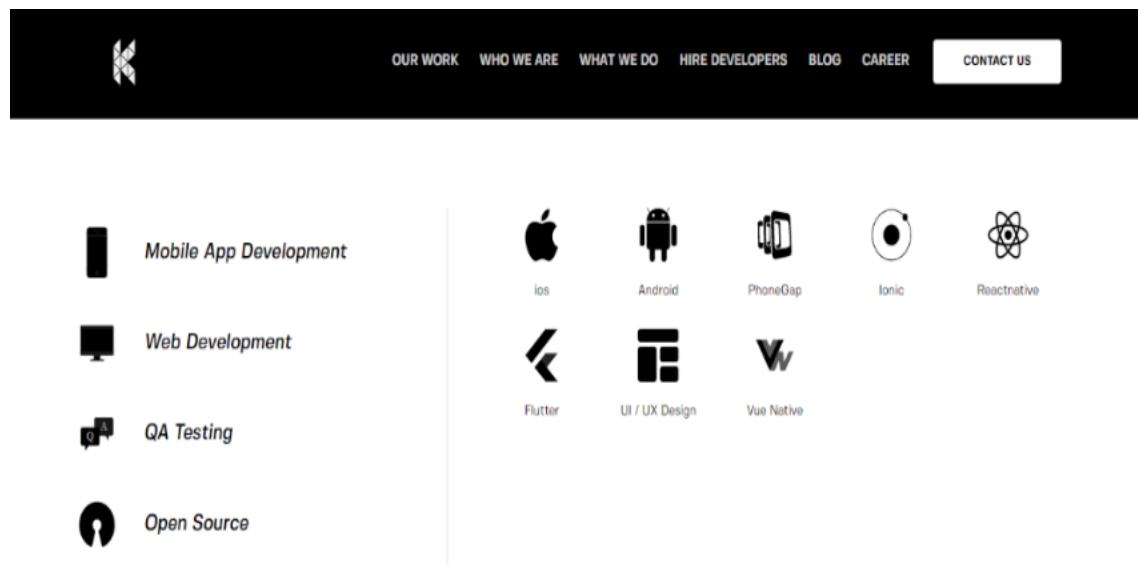
Fig 3.2.2 Adding Javascript to Navbar To Become Responsive
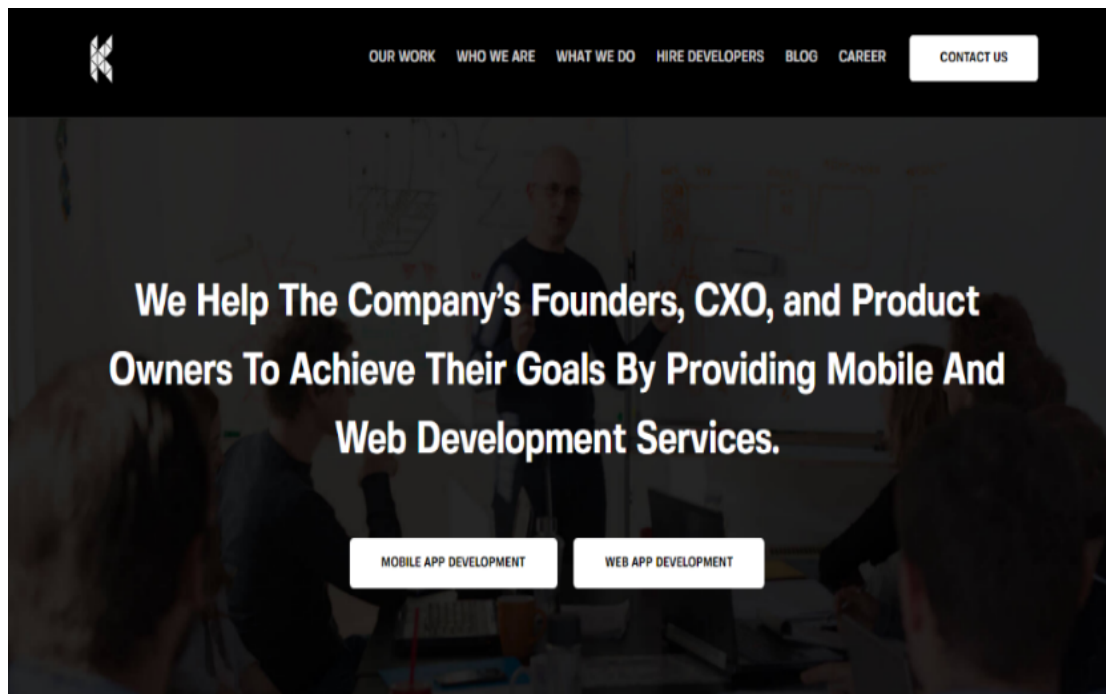
Fig 3.2.3 Front Page Of Website
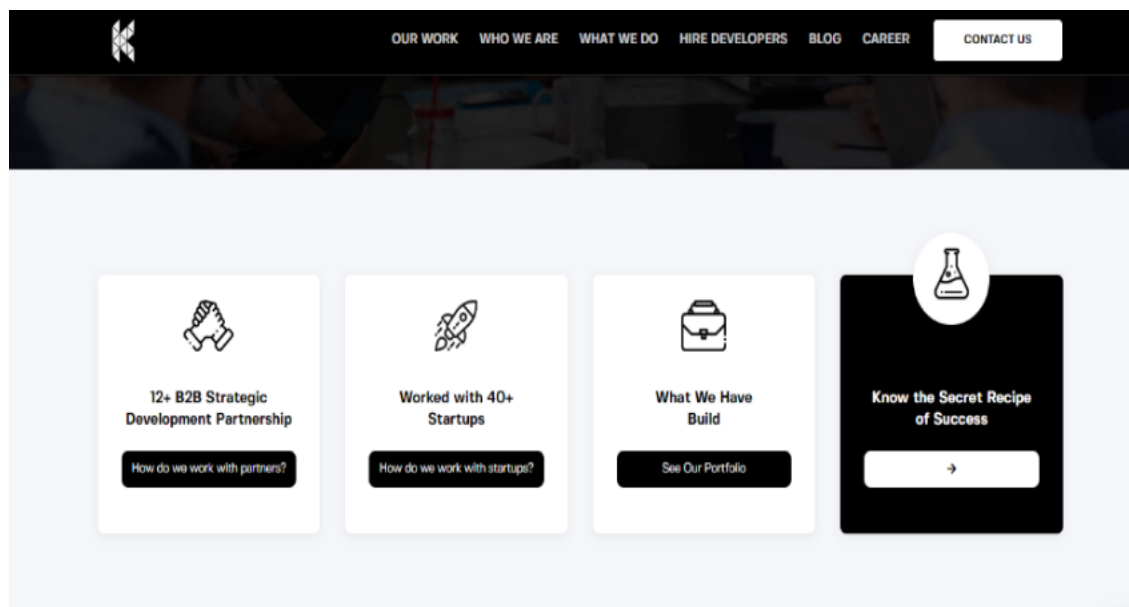
Fig 3.2.4 Service and perks section of Website
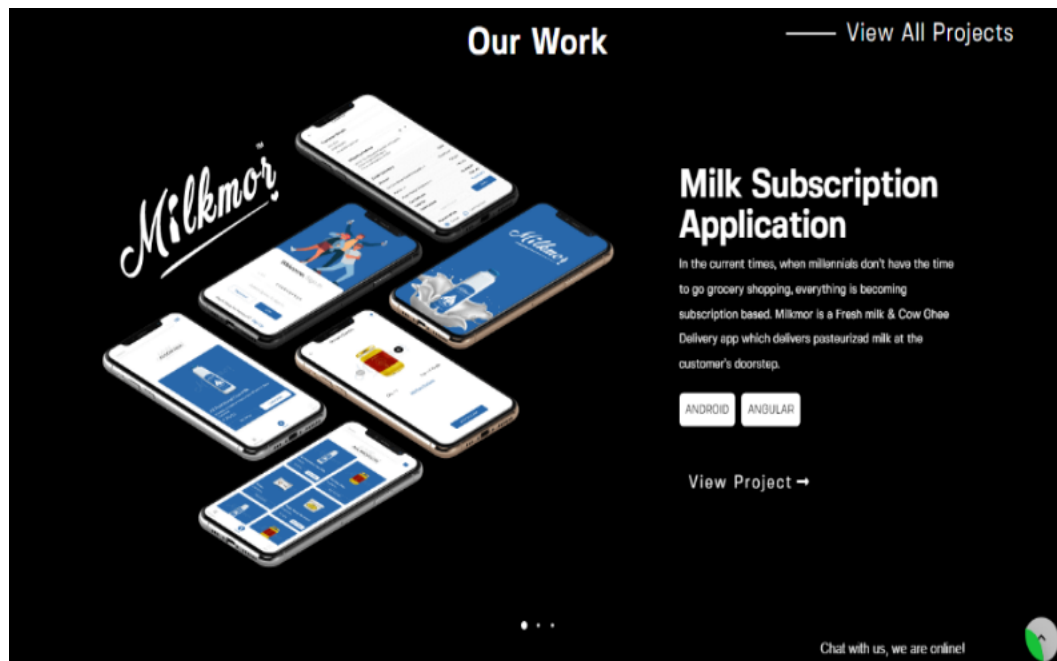
Fig 3.2.5 Work Description

Week 2:-
3.3
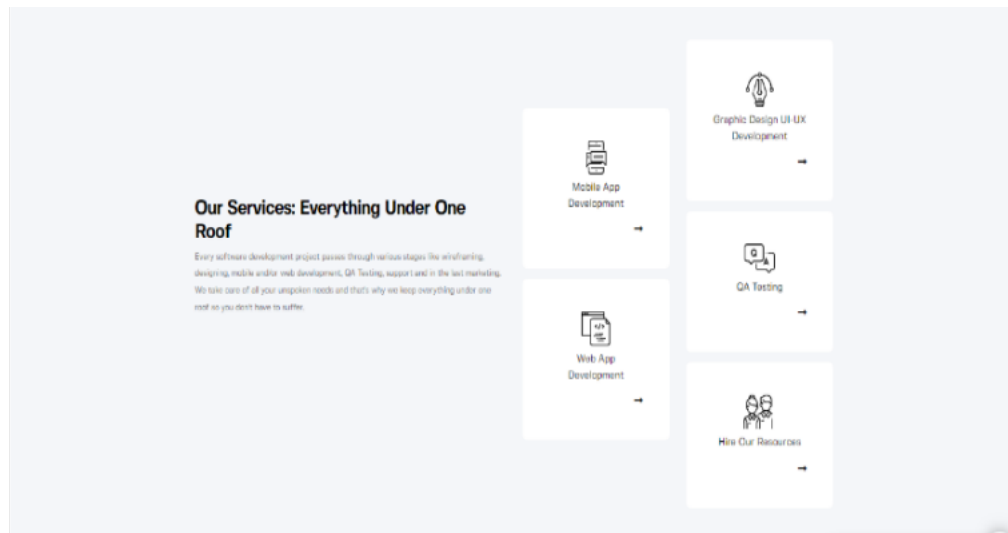
Fig 3.3.1 Service More Details Section
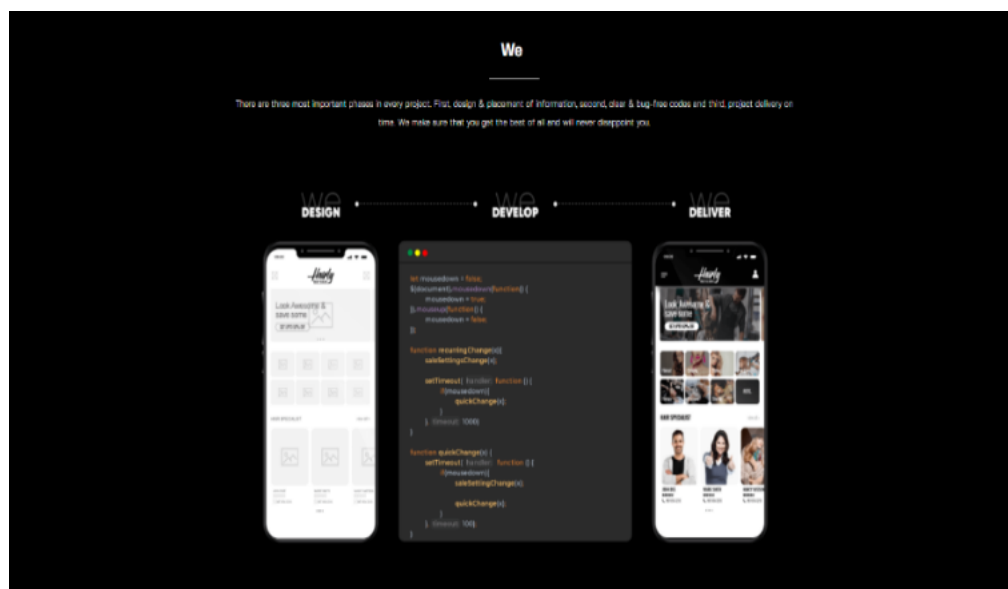
Fig 3.3.2 Company Project Design Section

Our Development Process

Fig 3.3.3 Development Process Section

Week:-3 & 4

3.4
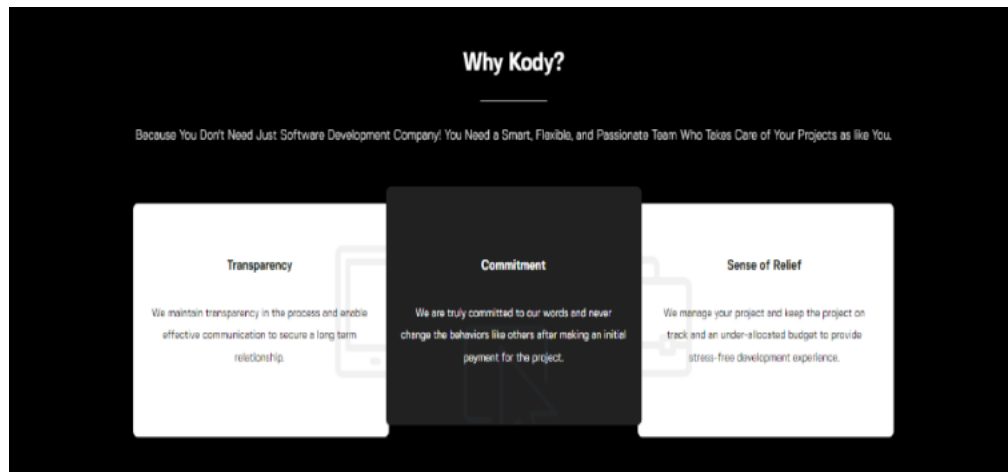
Fig 3.4.1 Why Client Choise Us Section

Fig 3.4.2 Company Description Section
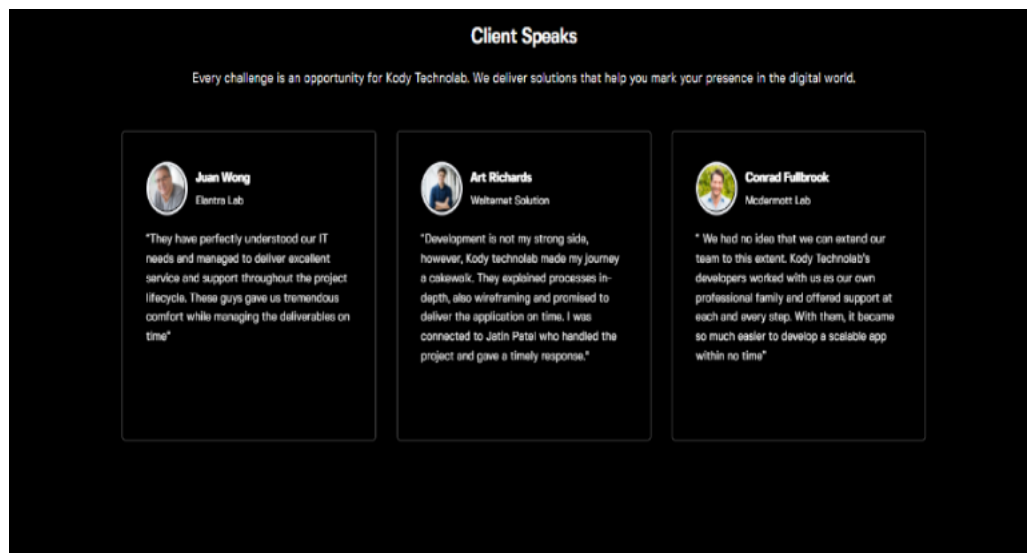
Figure 3.4.3 Client Review Section

3.5
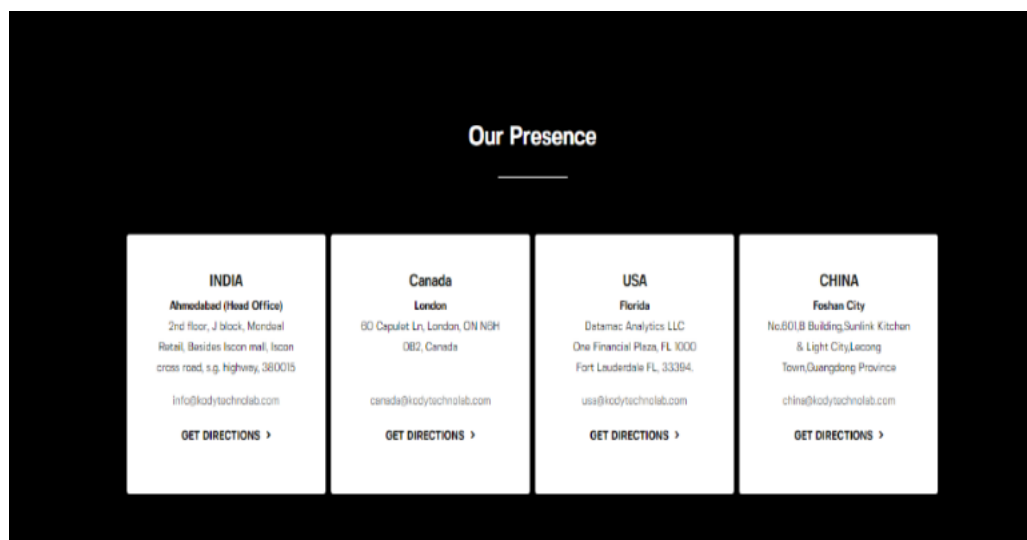
Table 3.5.1 Home Our Presence Page
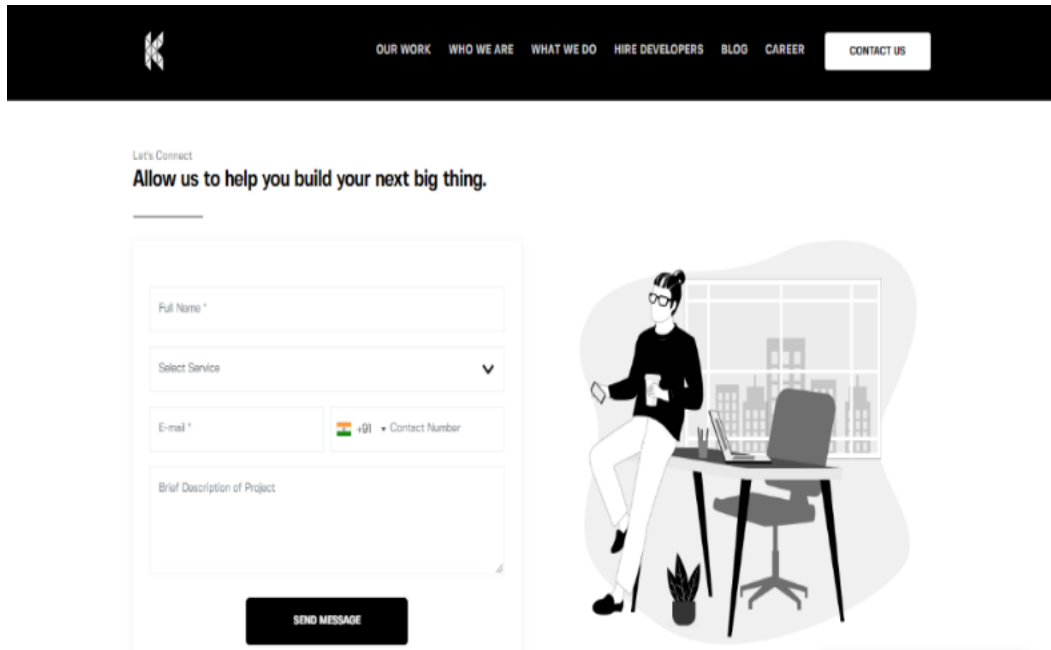
Table 3.5.2 Home Page End Contact Page with Description Of Social Network

Week:-5&6
3.6

Fig 3.6.1 Contact Us Page

Fig 3.6.2 Sales Inqury Section

Fig 3.6.3 Sales Inqury With Location Map

Fig 3.6.4 Our Presence Section And Footer

CHAPTER 4: Learning Experiences

4.1 Knowledge acquired/Skills Learnt

For the completion of the tasks the following web languages and scripts have been used: **HTML** for the construction of the layout, **CSS** for the design of the layout, **JavaScript** for dynamic functioning , **ReactJS** which makes it much easier and simpler to build a web app with the use of middleware, which can handle requests and responses and which is a tool that can manage document-oriented information, store or retrieve information.

4.2 Industry Practices Adapted

Two main things that I've learned where the importance of are time-management skills and self-motivation. Although I have often stumbled upon these problems at University, they had to be approached differently in a working environment. Some of the most basic yet the very important ones are :

- Start By Planning
- Stick To The Standards
- Code Smarter, Not Longer
- Establish multi-device compatibility

CHAPTER 5: Conclusion

In a nutshell, this internship has been an excellent and rewarding experience. I can conclude that there have been a lot I've learnt from my work at the company. Needless to say, the technical aspects of the work I've done are not flawless and could be improved provided enough time. As someone with no prior experience in this field whatsoever I believe my time spent in company and discovering new languages was well worth it and contributed to finding an acceptable solution to an important aspect of web design and development.

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