Web design & development

By

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This Report is presented in partial fulfillment of the requirements for the Degree of Bachelor of Science in computer Science and Engineering.

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September-2019

APPROVAL

This Project/internship titled **"Web design & development"**, submitted by Abu Hanif Jowel, ID No: 162-15-8046 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 13 September 2019.

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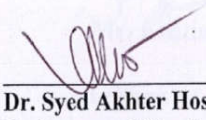

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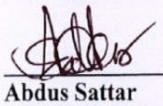

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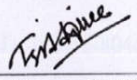

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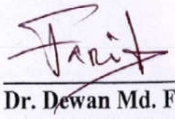

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Declaration

I hereby recommend this report complete under my mentorship by Mr. Eshtiak Ahmed Lecture, Department of Computer Science and Engineering of Daffodil International University. I also complete this project by using resource of my organization.

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Acknowledgement

Thanks to Allah for giving me this opportunity, the patience to complete my Internship finally.

I would like to express my greatest guideline to my supervisor **Mr. Eshtiak Ahmed**, **Lecturer Department of CSE** Daffodil international University, Dhaka. Who have guide and helped me a lot throughout this dissertation process. Deep Knowledge & Interest in the field of "web design & Development" .His positive outlook and confidence inspired me and give confidence.

I am extremely heartiest thankful gratitude to our honorable sir Dr. Akhter Hossain, Professor and head of the Department of CSE, for giving me golden opportunity to complete my Internship.And I also thankful to my college library staff & administrative staff department of CSE, and also there faculty member in the university.

Finally, I must due to respect my father and mother the constant support and patients.

Abstract

Website design and development the main object my internship to develop website and web based application are several programming language to use. They are only used frontend and backend design of the website. Example:- HTML5, CSS3, Bootstrap, and JavaScript Framework etc. the some other programming language are used develop dynamic website & web application. Example:- PHP, java, Python, C# etc. Nowadays there is a wide prevalence of various devices that can be connected online for different kind of activates, and among others, for browsing web pages. Web design is constantly changing adjusting due to appearance of different sizes and types of devices no Metter which device is used to present web content, desktop or various mobile or wearable device. We develop web based is very useful for our daily life .that's why I choose of subject website design & development. And I working ERP.COM.BD huge experience upcoming carrier.

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Chapter1

1. Introduction

Internships are formal programs designed to provide Practical experience in real world environment to student who are new to that field. Internship help build by resume given by work experience. Internship opportunity the student a good chance to relate knowledge with the competitive real job market environment. I consider myself timely to get chance to take a deep look into software industry and how works it look like. I worked the part of website design & development team generated ideas based on their web development technology.

2. Object

Website design and development object section is no easy. But confident that your resume objective will appeal to manage can be more difficult. Most manage skills and working experience and professional skill .strong understanding effective, sustained marketing strategy beyond presenting a collection services, images, videos of design principle. Critical and problem solving skill. A successful site requires and or other file.an art or photography site might focus on attractively website.

3. Motivation

It has been found ERP.COM.BD has superve I got interest in web design & development (2017) and still I improve myself made much progress, I just really enjoy it, I enjoy the challenge of creating website design and code to solve problems or to create something. I get to see how people work or real project and such kind of people makes me work harder. I'm just try to break what they build.

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4. Internship Goal

Most hiring managers' focus on the skills and working experience of applicants.so you should include this information at the beginning of your document. Remember that there are two types of professional skills, there are hard skill, which are concrete in nature. Such as management or analysis skills, including both greatly, improve your resume objectives statement. You can usually discover exactly which specific skills each hiring manager wants by reviewing the job description. The first step to creation your resume objective is to review this list of common web developer skills:

1. Experience designing and programming web pages
2. Extensive experience using multiple standard programming languages
3. Strong understanding of aesthetic and design principals
4. Excellent trouble shooting and bug resolution abilities
5. Critical thinking and problem-solving skills
6. Evaluation and analysis abilities
7. Excellent communication skill, including written and verbal
8. Strong attention to small details
9. Experience working as part of a team toward a singular goal
10. Familiar filing reports gathering information and performing research

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Report Layout

Report layout by Chapter

Chapter 1: internship introduction, motivation, Internship Goal, report layout.

Chapter 2: introduction, about company, Company services and job market, Organization.

Chapter 3: daily task and Activities, Event and Activate, Project Task and Activities, Challenges.

Chapter 4: problem solving, learning outcome, Challenge

Chapter 5: Conclusion and Future Scope.

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Chapter 2

Internship Enterprise

1. About The Company

ERP.COM.BD has strong domain knowledge in areas like Enterprise Resources Planning (ERP) for (Manufacturing, Banking, Textiles, Real estate, Education, Hospitals Industry), Non-core Banking application development. Apart From its own developed products, ERP COM BD has successfully completed several large-scale groups of companies' IT implementation project in the country.to strengthen the company, ERP COM BD made a business Hub Joint Venture and partnership with another company's product and serve the country in a meaningful fashion.

- → Absolute all in one cloud-based ERP system Interconnected with technology, service and human Resource.
- → Automation system increase your core business efficiency, improve productivity with real time information.
- → All Features are integrated into single software Platform.

Head office

Hasanmanjil (Level 2nd)

Plot: 18 street: 01, Lane: 02.

Section: 6 Mirpur-1216 Dhaka, Bangladesh

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2. IT Service Offer

- Financial Accounts: Reduce cost and save more money with ERP than Ensures accuracy of monthly overhead cost and allow to rescued administrative and operational cost your organization.
- Warehouse: A warehouse management is mostly used to manage the store and movement of inventory.
- Payroll: payroll defined the employee salaries in the organization.
- Sales management: sales module implement order placement, scheduling, shipping and invoicing.
- HRM: hrm is the management of human resource and human capital.
- Website optimization: website optimization is the process of making change to your website.
- Website design &development: have your website built professional and help the company branding.

3. Dedicated Support Team

Your business is important to us and we want to make sure that your are satisfied with our application or product.

4. Website Optimization

Erp.com.bd understand the importance of website optimization

5.Website Technical Support

Programming language

HTML5, CSS, JavaScript, PHP , Bootstrap, XHTML.Perl

Database System

MySQL,

Frameworks

Zend, Code Igniter, Yii, Symphony

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CMS

Wordpress, Joomla, Drupal, Ecommerce

6. Software Marketing

ERP COM BD Provides Cloud Based ERP software which is designed to be a type of enterprise solution for largest businesses that supervise the entire area of a company's core business processes related to technology, service, and human resource.

7. Managing Site Content

Having a Web site that you can manage yourself the perfect solution for most companies.

8. Software Development Kit

ERP.COM.BD a full-cycle Erp based software development service provider.

9.Website Design & Development

Having Your Website Designed and built professionally will improve your company image and reputation and help to enforce your brand.

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CHAPTER 3

Tasks Project and Activates

1. Daily tasks

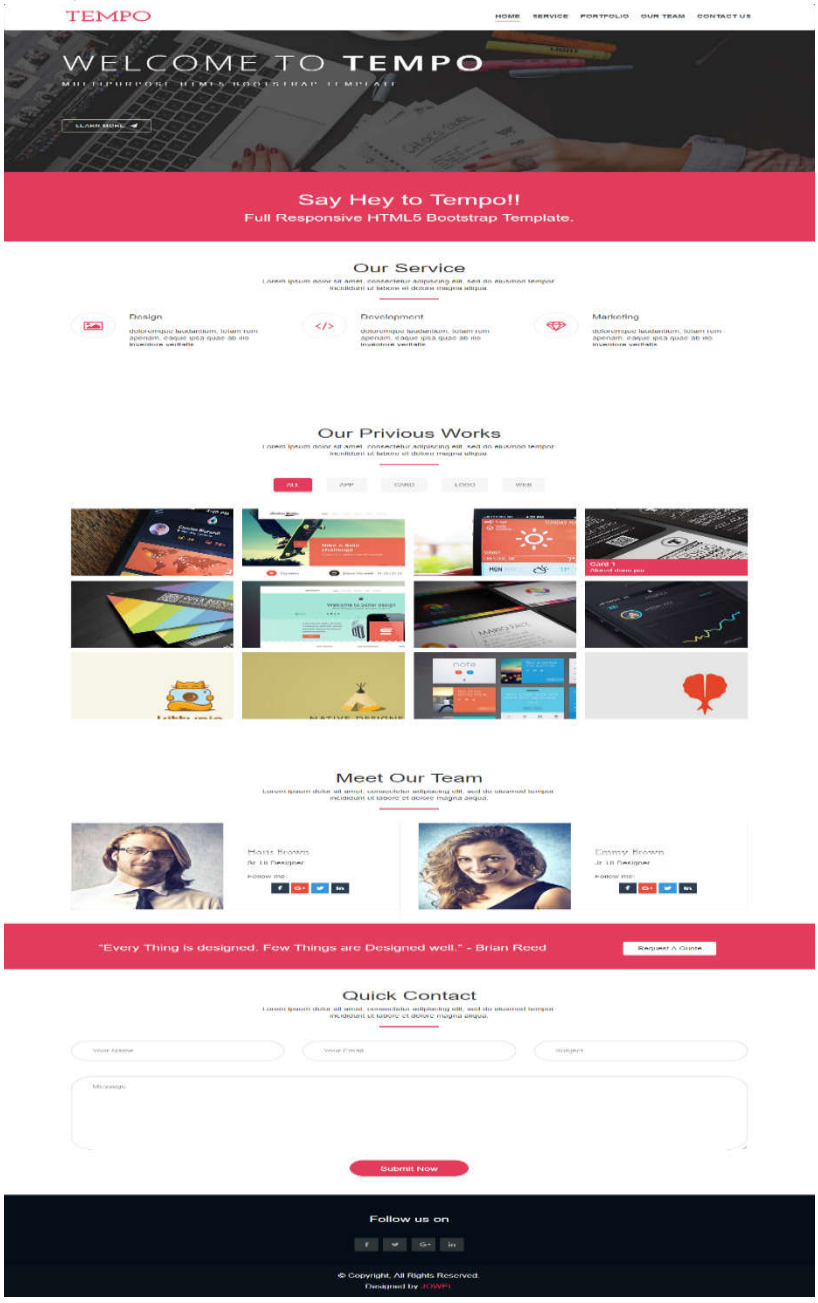

Fig_ 1.1 Tempo Template

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Fig.1.1: Description:TEMPO is bootstrap 4 template design for service solution web-page and design template. Developer provide there technical work & skills. Promote our site tech service and solution landing page.

Main Feature:

- Based on bootstrap latest version
- Html, CSS, JS include
- Easy to customize
- Valid html5
- Free google fonts: Montserrat

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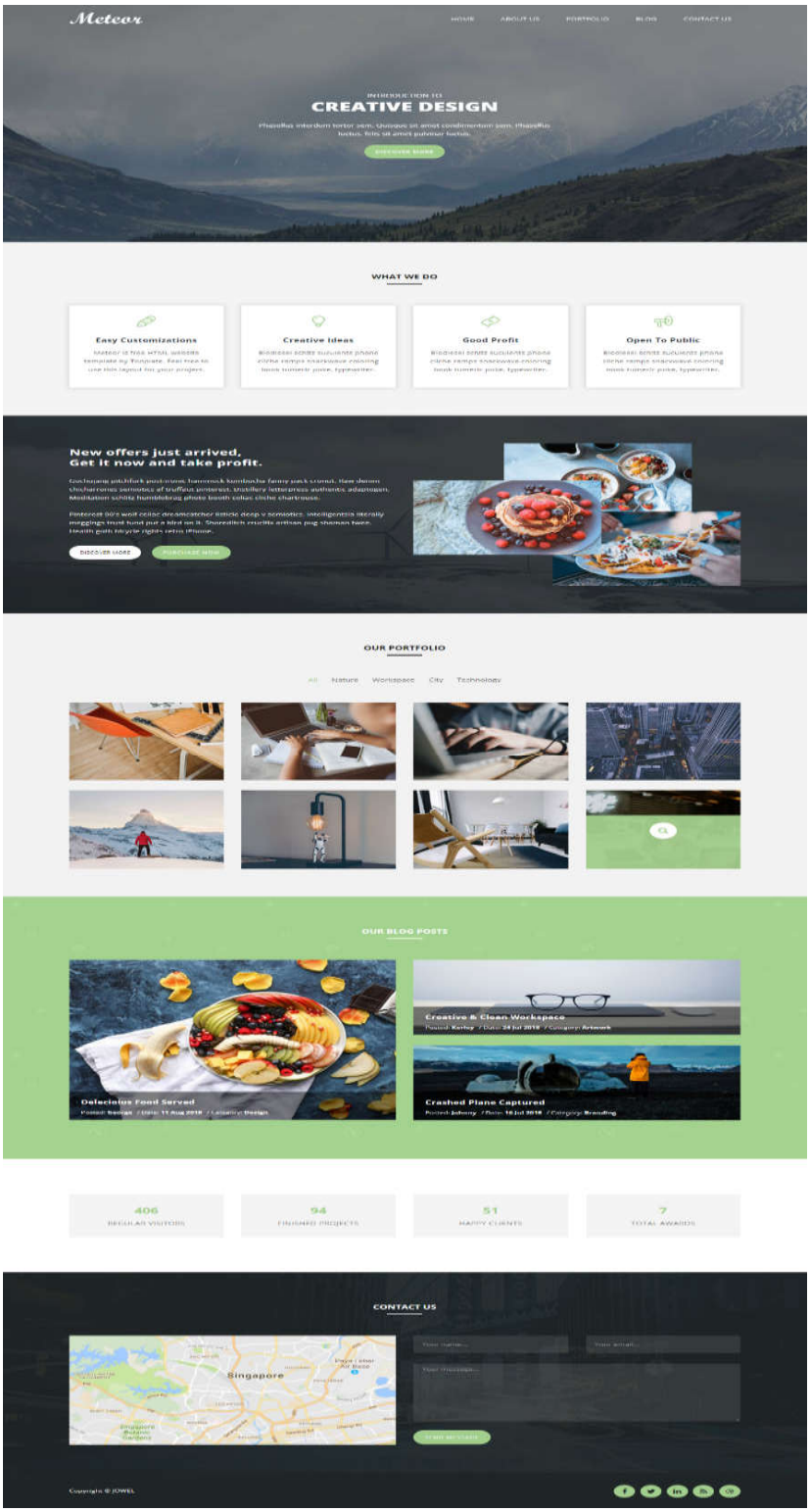

Fig. 1.2 Mentor Template

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1.2 Description: **Meteor**is creative multipurpose html template with lots of future .we provide creative design like nature city technology and the organized easy customization , creative ideas, good profit, open to public. It has a future to integrate popular market service.

Features:

- About page
- Portfolio
- Blog
- Contact us page
- Parallax effect
- Bootstrap 4
- Easy to customize

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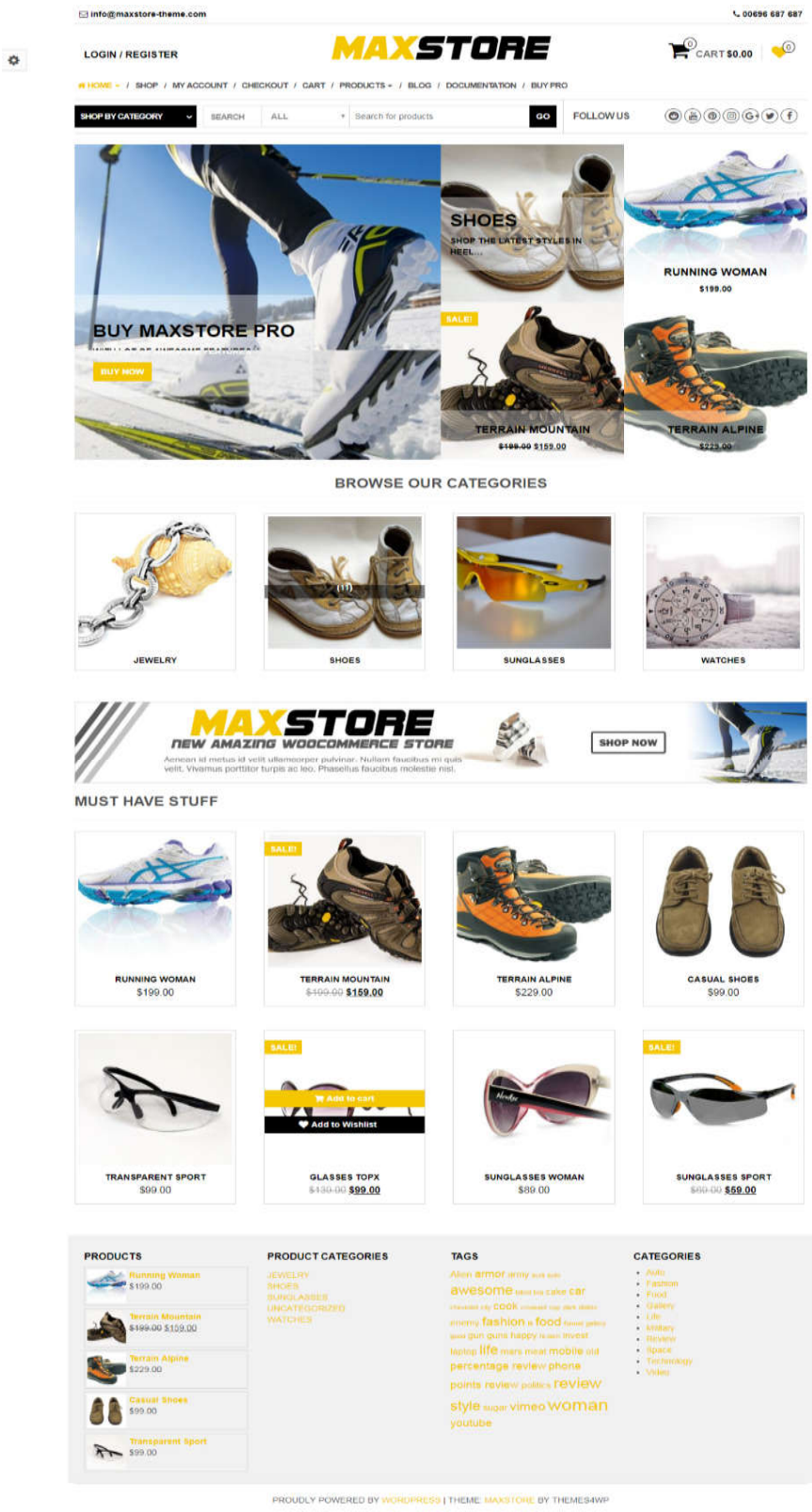

Fig. 1.3 Ecommerce Template

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Fig 1.3 maxstore

Maxstore is super-fastwoo commercethem, bestsolution for ecommerce,this site for any kind of shopping from clothes to accessories. This is great theme,with loads of features, to change color schemes and font page include a beautiful homepage designs and lots of product style. Grate plugin with several homepage templates.

Feature:

Themes:

- CMD2
- Woo commerce
- Kirkit toolkit
- Font-awesome

Plugin:

- YFTH
- Woo commerce sort code
- Wishlist
- Payment method

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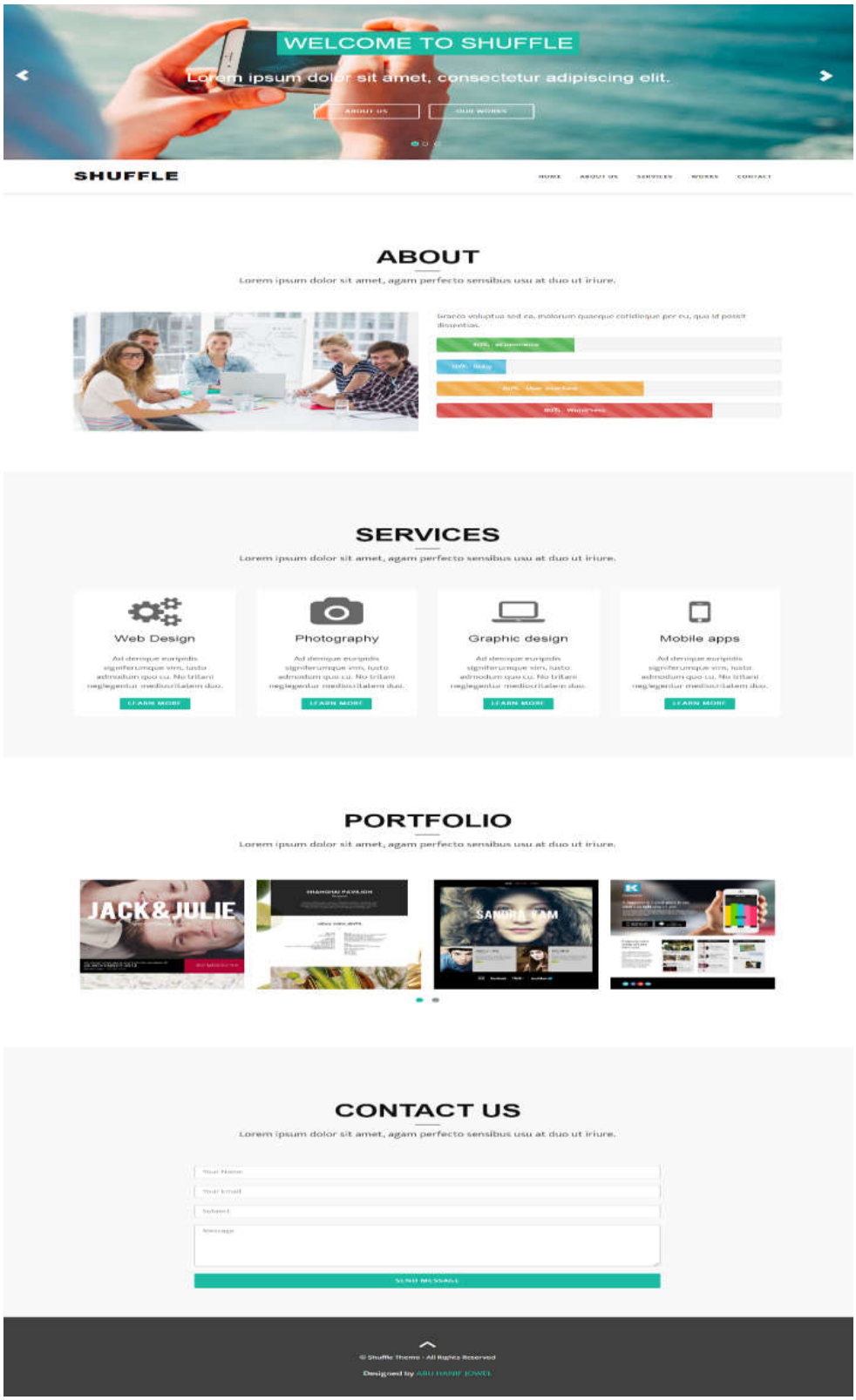

Fig. 1.4 Shuffle Template

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Fig 1.4 Shuffleis a clean and sleek one page site, this site designed for creative people or designer profile & portfolio online. Who know web design, photography, and Graphic design, and mobile app, developer web template.

Future:

- Html
- Css
- Bootstrap
- JavaScript

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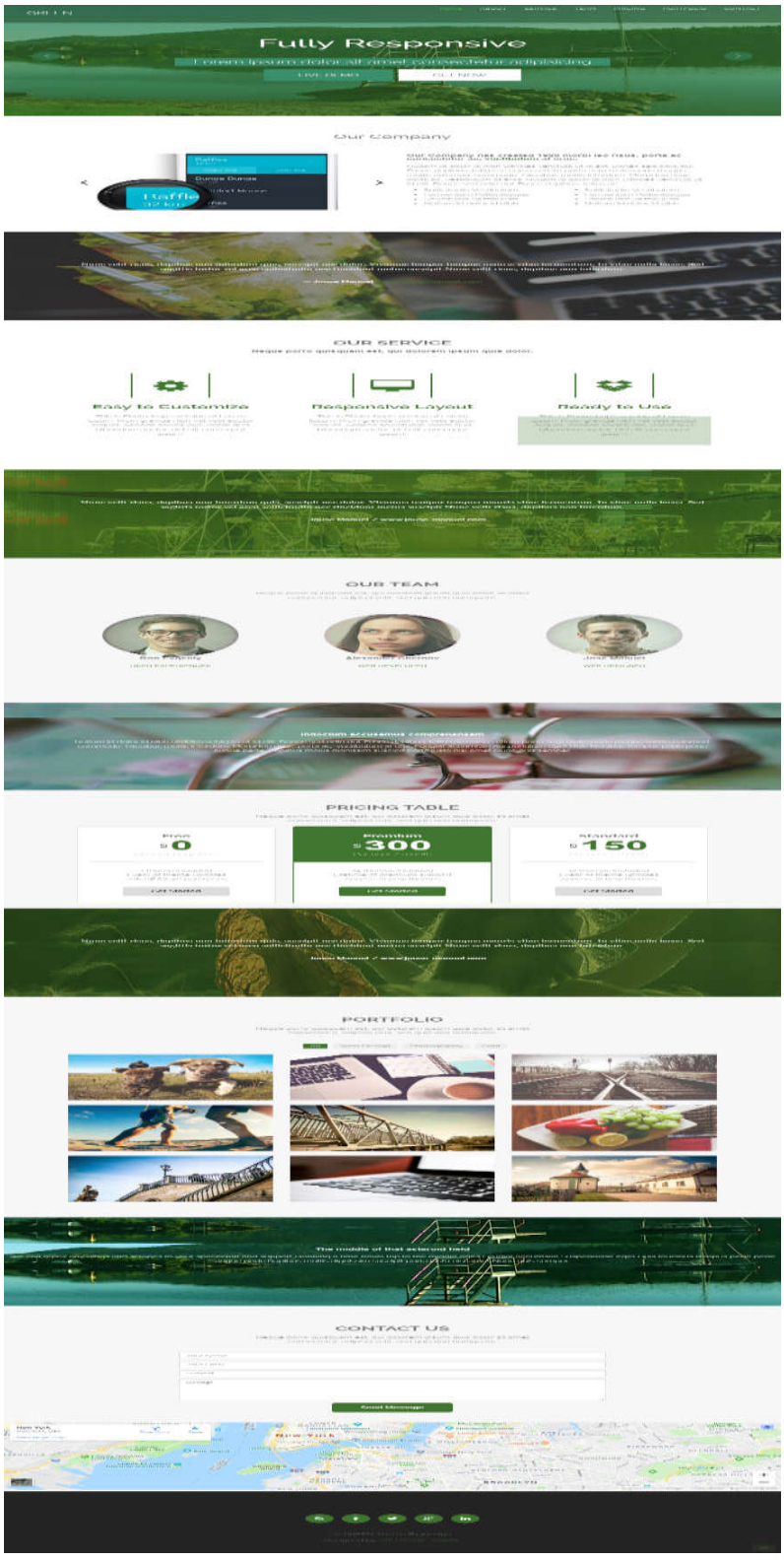

Fig. 1.5 Green Template

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Fig 1.5: GREEN

Green is responsive web templates for website making, easy to customized, responsive layout and used the drive base, this theme comes with well-designed fleet layout, tables and beautiful form, there are the best create pages easily. This page use the pricing, portfolio and google maps.

Feature:

- More than 7 html page
- Html5 & CSS3
- Contact form
- Fully responsive
- Google maps style
- Massive portpofil layout

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2. **Event and Activities**
    - → Daily work update
    - → Update project weekly
    - → Meeting and feedback
    - → Meeting and seminars monthly

3. **Preformed**

    Web performance is the user experience of load time and runtime. How long a site takes to load. How content is during user interaction, the scrolling smooth. Pop-up quicks open up. Web experience of how long like it look the content to load.

4. **Challenge:**

    Being a web designer is not easy, the job is no longer about creation something pretty. Nowadays is more about creating something that the client's customer like and making your clients happy. Your projects should be under the budget, ahead of schedule. The stress is from everywhere,your boss your clients, your client customer and the frustration that you are undervalued and underpaid.

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CHAPTER 4

Internship Outcome

1. Problem & Solution

Every website will have some pages or section of the site that significant. That design decision can impact how the visitors' eye first explore the page. The page content will say a lot about the company good or bad, professional websites should make every effort professionalism. The tagline give the opportunity to tell visitor how remember your site. The best way to solve a problem identify it first .and solve it professionally.

2. Learning and Outcome

→ HTML

Html tags, anchor, paragraph, image, table, lists, form, head, layout file path, responsive, entities, symbols, comments, charser, URL encode etc.

HTML5 tages (article, aside. Bdi, canvas, data, datalist, dialog, fig caption, main, mark etc.)

→ CSS

Selector, inline , external, comments, background, border, display, float, font, line height, margin, opacity, overflow, padding, position, vertical align, white space, width, word warp, visibility, outline , animation, gradient, tooltips, arrow,aural media, flexboxetc.

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→ Bootstrap

Container, jumbotron , button, grid, table, form, alert, wells, badge & label, panels, pagination, pager, image, glyphicon, carousel, collapse, progress bar, dropdown, navbar, modal, popover, scrollspy, clearfix etc.

→ JavaScript

Variable ,data types, operators, loop, object, string, math, number, Boolean, windows object, JavaScript bom, navigator object method, ststicgetelementbyid, js inner text property,js form validation, js email validation, phototype, constructor, innerhtml property, static method, encapsulation, polymorphism, cookies,attributes, cookies with multiple name etc.

→ PHP

Variable, $ and $$, constants,comments,datatypes,boolen,tnteger, is_int() function, is_null()function, special types ,break, call by value,indexed array, multidimensional array, GET post, cookie,session,filehandling,write file, append file,file upload MVC architecture,include_once,require_once.etc

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→ WordPress

Wp .com vs org. wp post, wp pages, post vspages,wp comments, wp categories, wp tags, categories vs tags, wp link ,wp appearance, wp user,

Creating a website without logical skill

Provide a range of them

Plugins to add functionality

Free and open-source platform

Adding a blog is very easy

More secure

Inserting multimedia

Google and WordPress

Mobile-friendly

Easy to use

3. Assigned Responsibility

Regular to business stakeholders and executive management, as well as the authority and scope to apply your expertise to many interesting technical problems. Candidate must have strong understanding of web site design & development and web functions and standards. The position requires constant communication with colleagues.

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CHAPTER 5

Conclusion and future scope

1. **Discussion and Conclusion**

   I can honestly say that my time spent the company one of the best summer of my life. I gain practical skills but I also had the opportunity to meet many fantastic people. While I was able to learn a lot form normal office life .overall my internship has been success, I was gain practical skill. Work in good environment. I hope that interns got as much out of ass I did.

2. **Future scopes**

   Finding a good job can be a real life challenge .specially I have no experience ,but I complete internship like be more expert in real life works , and I establish well career , finally thanks to my supervisor and Erpcombd it will be a great opportunities to internship for my future.

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REFFERNECES

[1] https://www.sinclair.edu/ https://www.sinclair.edu/program/params/programCode/WEDE-S-AAS/

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[6] https://coderbyte.com/

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