

KAHV HEALTHCARE WEBSITE

INTERDISCIPLINARY PROJECT

Submitted in partial fulfilment of the
requirements for the award of
Bachelor of Technology degree in Information Technology
by

ANAND SAI SATHVIK (41120018)



DEPARTMENT OF INFORMATION TECHNOLOGY

SCHOOL OF COMPUTING

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Category-1 University by UGC

Accredited with Grade “A++” by NAAC

12B Status by UGC |Approved by AICTE

JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600 119

MAY - 2024



SATHYABAMA

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DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that this Professional Training is the bonafide work of **MR. ANAND SAI SATHVIK (41120018)** who carried out the project entitled "**KAHV HEALTHCARE WEBSITE**" under my supervision from **January 2024** to **May 2024**.

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Submitted for Viva voice Examination held on _____

Internal Examiner

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DECLARATION

I, ANAND SAI SATHVIK (Reg. No – 41120018), hereby declare that the project report entitled "KAAV HEALTHCARE WEBSITE" was done by me under the guidance Dr. S.URMELA,M.Tech.,Ph.D., is submitted in partial fulfilment of the requirements for the award of Bachelor of Engineering Degree in Information Technology.

DATE: 08/05/24

PLACE: Chennai

Asatik

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to the **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T. SASIKALA, M.E.,Ph. D.**, Dean, School of Computing, **Dr. R. SUBHASHINI,M.E.,Ph.D.**, Heads of the Department of Information Technology for providing me necessary support and details at the right time during the progressive reviews.

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I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

OFFER LETTER

KAHV INC



INTERNSHIP OFFER LETTER

November 27th, 2023

Dear Mr. Anand Sai Sathvik Yeluri,

We are delighted to offer you the said position of Intern at Kaav Incorporation. Your internship will commence on December 1, 2023 and it will come to an end on May 31, 2024. This will be a complete remote position and you are going to report to **Ms. Virigina Craft, Director Operations**. During the internship with the company, you will be paid a stipend of Rs.20000 (Twenty Thousand Only) monthly.

You will not be eligible for any benefits that regular employees receive. Please sign and return this letter in token of your acceptance of the terms and conditions of service stated herein.

If you need further information, please do not hesitate to contact us at vcraft@kaavinc.com, +1(630) 408-1711

Yours Sincerely,

A handwritten signature in blue ink, appearing to read "Sarah", is positioned above the printed name.

Sarah Kailey
HR Manager

I **Anand Sai Sathvik Yeluri** have read the above contents and accept the same.

A handwritten signature in blue ink, appearing to read "Anand", is positioned above the date.

Signature and Date

ABSTRACT

Kaav Healthcare is a comprehensive online platform designed to revolutionize the healthcare experience, providing accessible and personalized medical solutions to users worldwide. Built on the principles of innovation, convenience, and empathy, Kaav Healthcare offers a diverse array of services spanning telemedicine, health education, and wellness management. Beyond consultations, Kaav Healthcare is committed to empowering users with knowledge through its extensive health education resources. From articles and videos addressing common medical concerns to interactive modules on preventive care and lifestyle management, the platform equips individuals with the information they need to make informed decisions about their health and well-being. Moreover, Kaav Healthcare prioritizes holistic wellness by offering personalized wellness plans tailored to individual needs and goals. Through advanced algorithms and data analytics, the platform generates customized recommendations encompassing nutrition, fitness, stress management, and sleep hygiene, fostering long-term lifestyle changes that promote overall health and vitality. In addition to its user-centric approach, Kaav Healthcare emphasizes privacy and security, implementing robust encryption protocols and compliance measures to safeguard sensitive medical information. User data is treated with the utmost confidentiality, ensuring peace of mind for individuals seeking healthcare services online. In summary, Kaav Healthcare stands at the forefront of the digital healthcare revolution, bridging the gap between patients and providers through its innovative platform. By delivering convenient access to quality healthcare, empowering users with knowledge, and promoting holistic wellness, Kaav Healthcare aims to enhance health outcomes and improve the lives of individuals worldwide.

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LIST OF ABBREVIATIONS

ABBREVIATION	EXPANSION
HTML	Hyper Text Markup Language.
CSS	Cascading Style Sheets.
JS	JavaScript.
RWD	Responsive Website Development.
SPA	Single Page Application.
CMS	Content Management System.
GIF	Graphical Interchange Format.
PHP	Hypertext Preprocessor.
XML	Extensible Markup Language.
API	Application Programming Interface.
ASP	Active Server Pages.
AI	Artificial Intelligence.
XAMPP	operating system, Apache, Mysql, Php, Perl
RAM	Random Access Memory.
DOM	Document Object Manipulation.

CHAPTER 1

INTRODUCTION

Kaav Healthcare lies a commitment to excellence in pharmaceuticals, where breakthrough research and state-of-the-art manufacturing processes converge to produce high-quality medications. Our dedication to pharmaceutical innovation ensures that patients receive safe, effective, and reliable treatments for a wide range of medical conditions. In addition to our pharmaceutical endeavors, Kaav Healthcare is your trusted partner in telemedicine, providing convenient access to healthcare professionals from the comfort of your home. Through secure video conferencing and messaging platforms, patients can connect with licensed physicians, therapists, and specialists, receiving personalized medical care tailored to their unique needs. As a company deeply rooted in both healthcare delivery and drug manufacturing, Kaav Healthcare is poised to revolutionize the way healthcare is accessed and delivered worldwide. Join us in our mission to redefine healthcare for the better, where technology, compassion, and pharmaceutical expertise converge to improve lives. Welcome to Kaav Healthcare.

The current framework is additionally a modernized framework yet it contains countless exceed expectations sheets that are made by every client. The current framework effectively highlights Kaav Healthcare's dual role as a digital health platform and a pharmaceutical manufacturer, emphasizing its innovative approach to healthcare delivery.

1.1 Programming Language Used

“KAAV HEALTHCARE WEBSITE” is a very useful mini-projects which is implement here in HTML,CSS, PHP, MySQL which is one of the most popular and powerful programming language in the world for web development.

1.2 About HTML, CSS, PHP, MySQL, Javascript

HTML (HyperText Markup Language) is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables

CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language.

PHP(short for Hypertext PreProcessor) is the most widely used open source and general purpose server side scripting language used mainly in web development to create dynamic websites and applications. It was developed in 1994 by Rasmus Lerdorf. It may be anything from a simple shopping list to a picture gallery or the vast amounts of information in a corporate network. To add, access, and process data stored in a computer database, you need a database management system such as MySQL Server. Javascript is a scripting language that's widely used to add functionality and interactivity to web pages.

1.2.1 Introduction to Web Development

Web programming, also known as web development, is the creation of dynamic web applications. Examples of web applications are social networking sites like Facebook or e-commerce sites like Amazon.

There are two broad divisions of web development – front-end development (also called client-side development) and back-end development (also called serverside development).

Hardware, computer programs, and websites comprise many components: code, databases, user interfaces (UI). Those that interact with users are in the front end; those that operate the technology are situated in the back end, also called the dataaccess layer. The back end provides the resources to support the front end.

1.2.2 Front-End Development

Front-end development refers to constructing what a user sees when they load a web application – the content, design and how you interact with it. This is done

with three codes – HTML, CSS and JavaScript. It facilitates building components that interact with users. Examples are the user interface, buttons, user-entered data, websites, and user experience (UX) features. The front end aims at meeting user requirements and delivering a positive user experience.

1.2.3 Back-End Development

Back-end development controls what goes on behind the scenes of a web application. A backend often uses a database to generate the front-end.

Examples are components for data storage, infrastructure, integration with external systems, and code written in one or more programming languages. Users cannot access the back end.

Back-end scripts are written in many different coding languages and frameworks, such as... PHP

Ruby on rails

ASP.NET

Perl

Java

Node.js

Python

1.2.4 Responsive Web Development

RWD, also known as responsive design, is a web-design approach that emphasizes user experience. The objective is to ensure consistent rendering of webpages on various devices, screens and windows of different shapes and sizes, etc. Such an approach has become important given the rise of mobile devices, with most web traffic coming from mobile-device users. Real-world implementations of RWD abound, which most users, who focus on only the convenience and appeal of websites, rarely notice.

Following are several techniques with which to make websites responsive to various conditions:

Flexible grids: Grids are a standard design tool for building websites. Responsive websites require a flexible grid that can load in different ways, depending on the screen or window size.

Breakpoints: Similar to flexible grids, breakpoints are dots on a page that identify cutoff points so that information can move on the screen. Most websites have numerous breakpoints, but a minimum should be three to correspond to the three most common device types.

Prioritization: Effective designs usually place the most important images and information higher up on the webpage, ensuring that visitors see them first. This visual hierarchy is especially crucial for responsive websites because smaller screens display less of a page at a given time. Prioritizing the important elements keeps mobile-device users engaged.

Flexible images: Images are often harder to fit into different screen sizes than plain text. Web designers use various techniques to ensure that web pages display images appropriately on different screens. For example, the display might crop parts of an image for a better fit. In the case of multiple image versions for a site, select the version to render based on the device type or screen size.

Responsive media queries: These are coding commands that set the maximum and minimum dimensions for media assets and that specify their orientation. As a result, all media assets on a webpage load at the appropriate size.

Mouse and touchscreen-friendly elements: Desktop users are adept with their mouse device, but some actions are less intuitive on mobile devices. Responsive websites must accommodate smartphones by ensuring that every action is easily accessible through a touchscreen. Links must be large and obvious on small screens, and scrolling must be easy across device types. Be sure to test the user experience to ensure that all the elements work well on different devices.

1.2.5 Types of Web Applications

1.2.5.1 Static Web Applications

Based on HTML and CSS, static web applications contain no dynamic elements and are primarily for displaying content and data only, allowing no interactions between users and servers. Hence, these applications, the common ones being portfolio sites and official company sites, are relatively easy and simple to build, modify, and manage. Note that despite being static, these applications can include videos, GIFs, and animated banners.

1.2.5.2 Dynamic Web Applications

Dynamic web applications offer interactions between the server and user, i.e., the user makes a request, which the server accepts and then generates content in real time. These applications, which often hold databases or forums and which constantly update or modify the content, usually perform updates through a content management system (CMS). You can build these applications with various web languages, but PHP and ASP are the best for structuring content.

1.2.5.3 Single Page Applications

Single-page applications (SPAs) display updated content by loading a single document with a JavaScript API, e.g., XMLHttpRequest and Fetch. Consequently, since users need not load new webpages from the server, higher performance and a dynamic user experience follow. However, because SPAs are more complex than other web applications, more effort is required to monitor the performance, maintain the state, and implement navigation capabilities.

1.3 IDE Used

Visual Studio is used to implement the mini-project “ ALUMNI MANAGEMENT PORTALS” .Visual Studio is a free integrated development environment (IDE) for programming in HTML, CSS, PHP, MySQL.Visual Studio Code is a streamlined code editor with support for development operations like debugging, task running, and version control. It aims to provide just the tools a developer needs for a quick code-build-debug cycle and leaves more complex workflows to fuller featured IDEs, such as Visual Studio IDE.

1.4 System Required

- Operating system, Windows, XP/Vista/7/8/10.
- Memory (RAM): 2GB of RAM required.
- Hard Disk Space: 1GB of free space required.

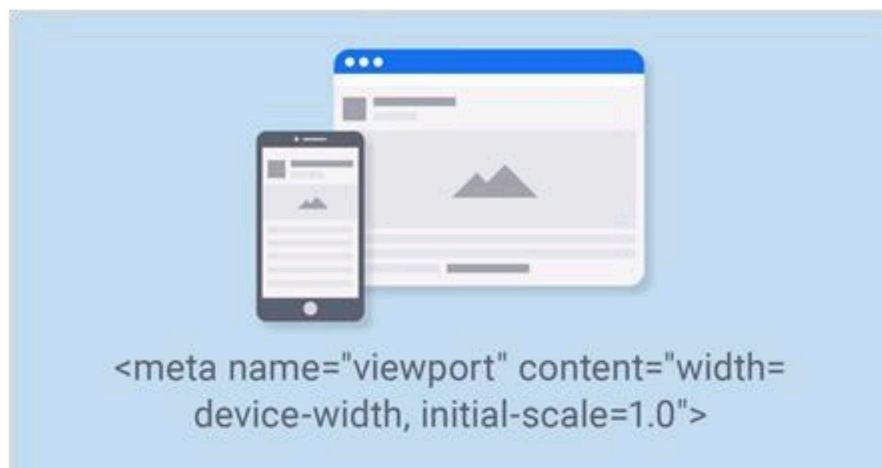
Chapter 2

METHODOLOGY

2.1 Technologies Used

These are the technologies which are going to use

- HTML
- CSS
- PHP
- XAMPP
- MySQL



The viewport is the user's visible area of a web page.

This gives the browser instructions on how to control the page's dimensions and scaling.

Viewport in our program -

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

2.2 HTML

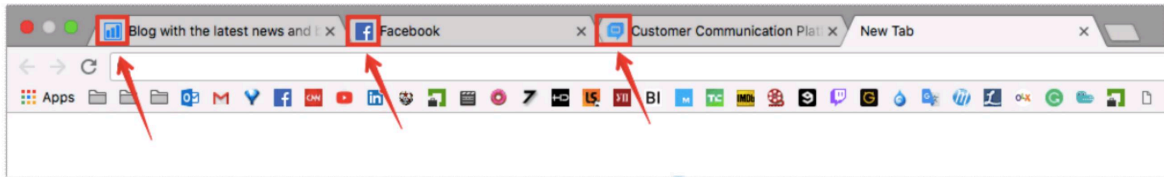
2.2.2 Favicon

A favicon is a small image, so it should be a simple image with high contrast.

A favicon image is displayed to the left of the page title in the browser tab.

Favicon in our program -

```
<link rel="shortcut icon" type="image/png" href="image/favicon.png">
```



2.2.3 Navigation

The <nav> tag defines a set of navigation links.

<nav> in our program -

```
<nav class="navbar">
```

```
  <a href="#home">home</a>
```

```
  <a href="#vehicles">vehicles</a>
```

```
  <a href="#services">services</a>
```

```
  <a href="#featured">featured</a>
```

```
  <a href="#reviews">reviews</a>
```

```
  <a href="#contact">contact</a>
```

```
</nav>
```

2.2.3 Button

The <button> tag defines a clickable button.

Inside a <button> element you can put text (and tags like <i>, , ,
, , etc.). That is not possible with a button created with the <input> element! Button in our program -

```
<div id="login-btn">
```

```
  <button class="btn">login</button>
```

```
  <i class="far fa-user"></i>
```


2.2.4 HTML Form

An HTML form is used to collect user input. The user input is most often sent to a server for processing.

The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

The HTML <input> element is the most used form element and it has various attributes that defines the type of input data.

Form in our program -

```
<div class="login-form-container">

  <span id="close-login-form" class="fas fa-times"></span> <form
method="post" action="connect.php">
  <h3>user login</h3>

  <input type="email" placeholder="email" class="box" name="email">

  <input type="password" placeholder="password" class="box"
name="passwd">

  <p> forget your password <a href="#">click here</a> </p>

  <input type="submit" value="login" class="btn" name="submit">

  <p>or login with</p>

  <div class="buttons">

    <a href="#" class="btn"> google </a>

    <a href="#" class="btn"> facebook </a>

  </div>

  <p> don't have an account <a href="#">create one</a>

</p> </form> </div>
```

2.3 CSS

CSS selectors are used to "find" (or select) the HTML elements you want to style.

We can divide CSS selectors into five categories:

Simple selectors (select elements based on name, id, class)

Combinator selectors (select elements based on a specific relationship between them)

Pseudo-class selectors (select elements based on a certain state)

Pseudo-elements selectors (select and style a part of an element)

Attribute selectors (select elements based on an attribute or attribute value)

2.4 PHP

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code is executed on the server, and the result is returned to the browser as plain

HTML

- PHP files have extension ".php" What Can PHP Do?
- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can be used to control user-access
- PHP can encrypt data

2.5 XAMPP

XAMPP is the most popular PHP development environment.

XAMPP is a completely free, easy to install Apache distribution containing.

MariaDB, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use.

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself. Among these technologies, Perl is a programming language used for web development, PHP is a backend scripting language.

2.6 MySQL

Database are the essential data repository for all software applications. For example, whenever someone conducts a web search, logs in to an account, or completes a transaction, a database system is storing the information so it can be accessed in the future.

Web page description

2.7 Index

The index. html page is the most common name used for the default page shown on a website if no other page is specified when a visitor requests the site. In other words, index. html is the name used for the homepage of the website.

Some code for example

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<?php session_start(); ?>
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
<title><?php echo isset($_SESSION['system']['name']) ?  
$_SESSION['system']['name'] : " ?></title>
```

```
<?php
```

```
if(!isset($_SESSION['login_id']))  
    header('location:login.php'); include('./header.php');  
// include('./auth.php');
```

```
?>
```

```
</head>
```

```
<style> body{ background:
```

```
#80808045;
```

```
}
```

```
.modal-dialog.large
```

```
{ width: 80%
```

```
!important; max-width:
```

```
unset;
```

```
}
```

```
.modal-dialog.mid-large
```

```
{ width: 50%
```

```
!important; max-width:
```

```

unset;

}

#viewer_modal .btn-close
{ position: absolute;
  zindex: 999999;
  /*right: 4.5em;*/
  background:
unset;

color:      white;

border:  unset;
fontsize:  27px;
top: 0;

```

2.8 HOME

The homepage welcomes visitors with a clean layout, featuring essential navigation links, compelling imagery, and concise introductory text. It offers a snapshot of the website's offerings, guiding users to explore further through intuitive menus and prominent call-to-action buttons.

Some code for example

```

<!DOCTYPE html>

<html lang="en">

<?php

session_start();
include('./db_connect.php');

```

```

ob_start();
if(!isset($_SESSION['system'])){
    $system = $conn->query("SELECT * FROM system_settings limit 1")-
>fetch_array(); foreach($system

    as      $k      =>      $v){

        $_SESSION['system'][$k]      =

        $v;

    }

}

ob_end_flush();

?>

<head>

    <meta charset="utf-8">

    <meta content="width=device-width, initial-scale=1.0" name="viewport">

    <title><?php echo $_SESSION['system']['name'] ?></title>

    <?php include('./header.php'); ?>

    <?php
    if(isset($_SESSION['login_id']))
    header("location:index.php?page=
    home");
    ?>

</head>

<style> body{ width:

```

```

100%;          height:

calc(100%);

/*background: #007bff;*/

}

main#main{
  width:100%
  ; height:
  calc(100%)
  ;
  background
  :white;

#login-right{      position:
  absolute;        right:0;
  width:40%; height:
  calc(100%);
  background:whit
  e; display: flex;
  alignitems:
  center;
}

```

2.9 SERVICES

The services page provides an in-depth overview of the website's offerings, detailing each service with clear descriptions, benefits, and any associated features

Some code for example:-

```
<?php include 'db_connect.php' ?>
```

```
<style>                                span.float-
```

```
right.summary_icon    {  
    font-size: 3rem; position:  
    absolute; right: 1rem; color:  
    #ffffff96;  
}
```

```
.imgs{ margin: .5em; max-
```

```
width:      calc(100%);
```

```
max-height:
```

```
calc(100%);
```

```
#imagesCarousel,#imagesCarousel        .carousel-inner,#imagesCarousel
```

```
.carouselitem{ height: 60vh !important;background: black;
```

```
}
```

```
#imagesCarousel        .carousel-item.active{
```

```
display: flex !important;
```

```
}
```

```
#imagesCarousel        .carousel-item-next{
```

```
display: flex !important; }
```

```
#imagesCarousel        .carousel-item    img{
```

```
margin: auto;
```



```

    }

    #imagesCarousel img{ width:
        auto!important;
        height: auto!important;
        max-height:
        calc(100%)!important; max-
        width:
        calc(100%)!important;

    }

</style>

<div class="container-fluid">

    <div class="row mt-3 ml-3 mr-3">

        <div class="col-lg-12">

            <div class="card">

                <div class="card-body">

<?php echo "Welcome back ". $_SESSION['login_name']."!" ?>

                <div

```

2.10 CAREERS

The careers page serves as a gateway for potential candidates to explore job opportunities within the organization. It features job listings, company culture insights, and information on the application process.

Some code for example

```

<?php include('db_connect.php');?>

<div class="container-fluid">

```

```

<div class="col-lg-12">

    <div class="row">

        <!-- FORM Panel -->

        <div class="col-md-4">

            <form action="" id="manage-gallery">

                <div class="card">

                    <div class="card-header">

                        Upload

                    </div>

                    <div class="card-body">

                        <input type="hidden" name="id">

                        <div class="form-group">

                            <label for="" class="control-label">Image</label>

                            <input type="file" class="form-control" name="img"
onchange="displayImg(this,${this})">

                        </div>

                        <div class="form-group">

                        </div>

                        <div class="form-group">

```

```

        <label                                class="control-label">Short
        Description</label>

        <textarea class="form-control"
name='about'></textarea>

    </div>

</div>

```

2.11 CONTACT US

The contact us page acts as a direct line of communication between the website and its visitors. It typically includes contact information such as email addresses, phone numbers, and physical addresses, as well as a contact form for inquiries.

Some code for example:-

```

<?php include('db_connect.php');?>

<div class="container-fluid">

    <div class="col-lg-12">

        <div class="row mb-4 mt-4">

            <div class="col-md-12">

                </div>

            </div>

        <div class="row">

            <!-- FORM Panel -->

```

```

        <!-- Table Panel -->

        <div class="col-md-12">

            <div

<thead>

                <tr>

                    <th class="text-center">#</th>

<th class="">Avatar</th>

<th class="">Name</th>

                <th class="">Course Graduated</th>

<th class="">Status</th>

                <th class="text-center">Action</th>

                </tr>

            </thead>

            <tbody>

                <?php

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Contact Us</title>

</head>

<body>

    <h1>Contact Us</h1>

```

```
<form action="contact_process.php" method="post">

  <label for="name">Name:</label><br>

  <input type="text" id="name" name="name" required><br><br>

  <label for="email">Email:</label><br>

  <input type="email" id="email" name="email" required><br><br>

  <label for="message">Message:</label><br>

  <textarea id="message" name="message" rows="4"
required></textarea><br><br>

  <input type="submit" value="Submit">

</form>

</body>

</html>
```

Chapter 3

RESULTS AND DISCUSSION

Results

We have tested web application by considering following test cases:

Unit Testing

Unit testing for websites involves breaking down the code into smaller units like functions or classes, then writing test cases to verify their behavior. Using a testing framework appropriate for the technology stack, developers create tests covering various scenarios, including edge cases and errors.

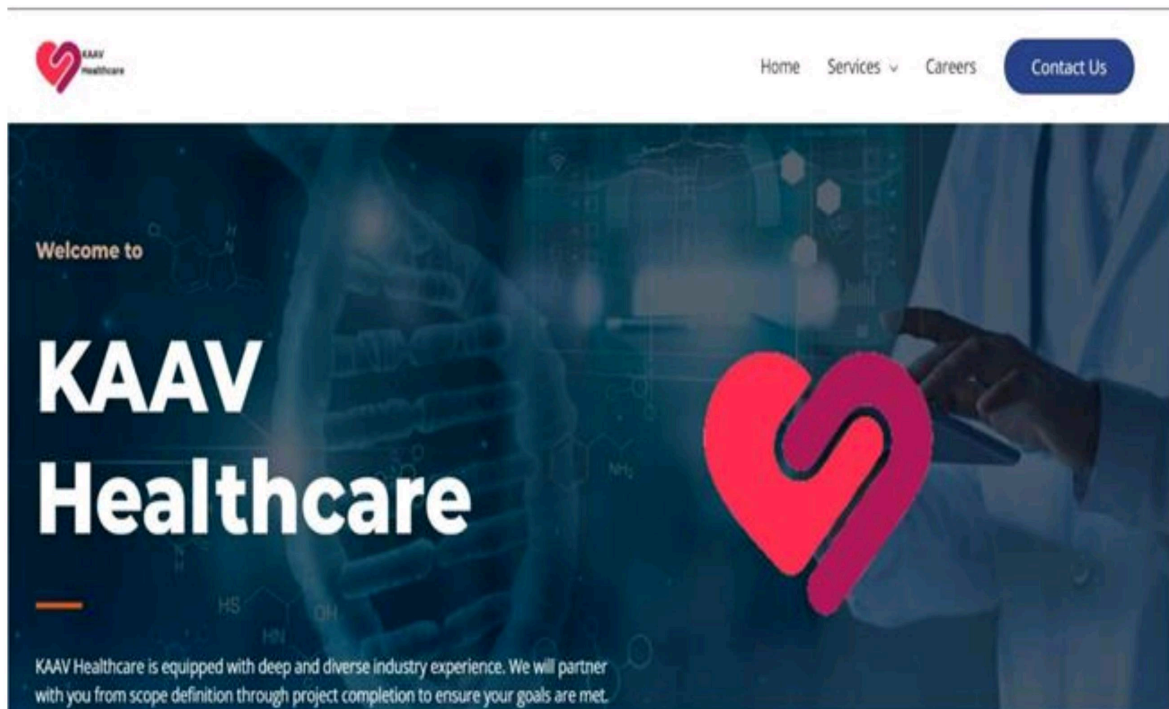


Figure 3.1 Index

Functional Testing

Functional testing for websites involves verifying that the website's features and functionalities meet specified requirements. Test cases are designed to simulate real user interactions with the website, covering actions like clicking buttons, filling out forms, and navigating between pages. Testers validate whether the website behaves as expected under various conditions, including different browsers, devices, and network speeds. Automated functional testing tools help streamline the testing process by executing predefined test scripts and reporting any deviations from expected behavior. By conducting functional testing, developers ensure that the website meets user expectations and functions correctly across different environments. Integrating functional testing into the development workflow helps maintain the website's quality and usability over time.

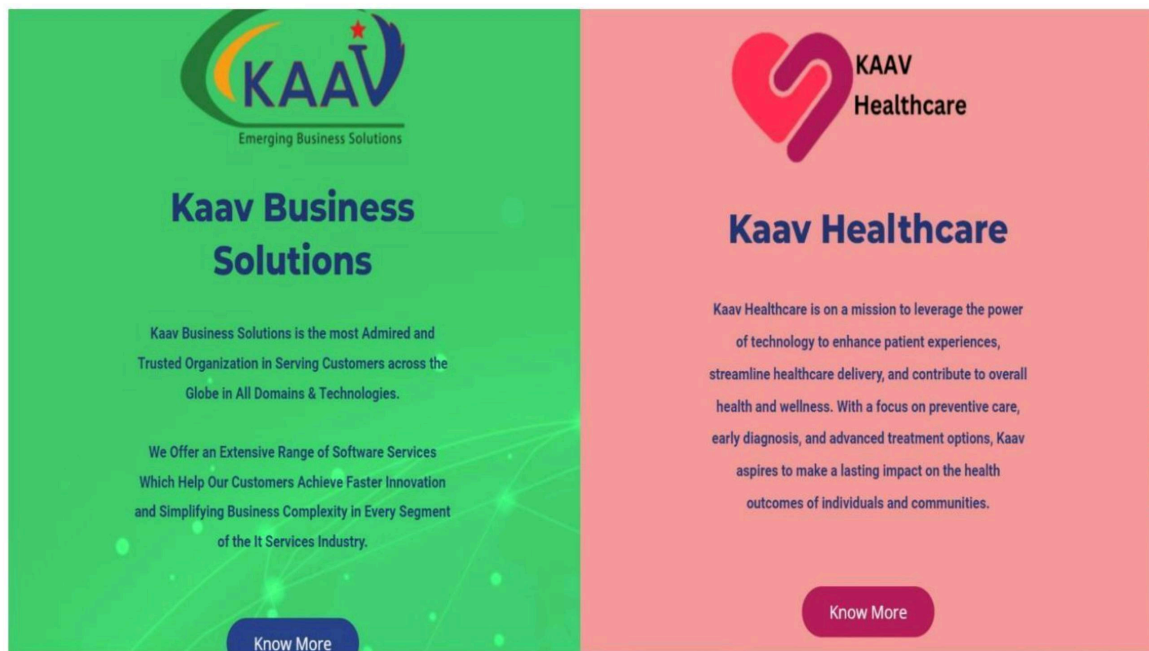


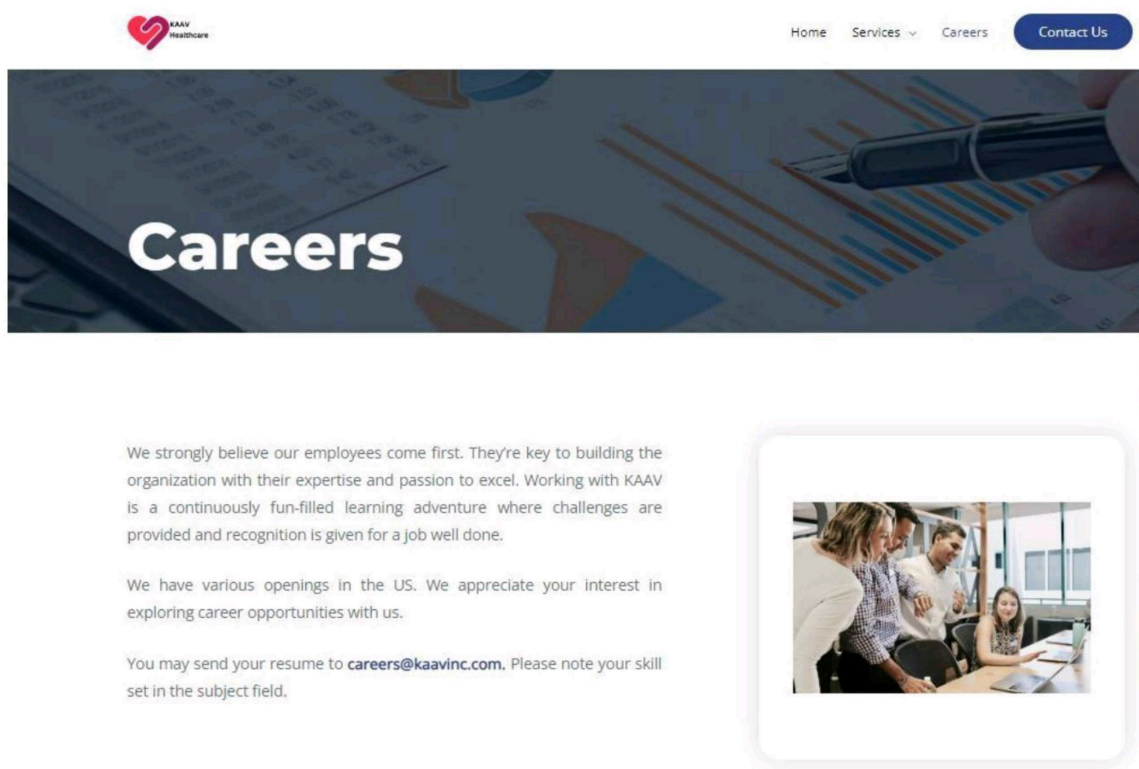
Figure 3.2 Home Page

Health & Life Sciences:

Kaav Healthcare include but are not limited to Discovery Informatics, Pre-Clinical, Clinical Trial, Data & Supplies Management, Clinical Safety, Regulatory Submissions, and Drug Portfolio Management.

Kaav Healthcare enables healthcare organizations to create more efficient, effective, innovative and virtualized business models. We arm your enterprise with the strategic thinking to effectively respond no matter what direction the healthcare industry's evolution takes. Our

Figure 3.3 Services



The screenshot shows the 'Careers' page of KAAV Healthcare. The header includes the KAAV Healthcare logo and navigation links: Home, Services, Careers, and a Contact Us button. The main banner features the word 'Careers' in large white text over a background image of a hand holding a pen over a document with charts. Below the banner, there is a paragraph of text about the company's belief in its employees, followed by a paragraph about career opportunities in the US, and a final paragraph providing the email address careers@kaavinc.com for resume submissions. To the right of the text is a small inset image showing four people in an office setting, three men and one woman, looking at a laptop screen.

Figure 3.4 Careers

Contact Us

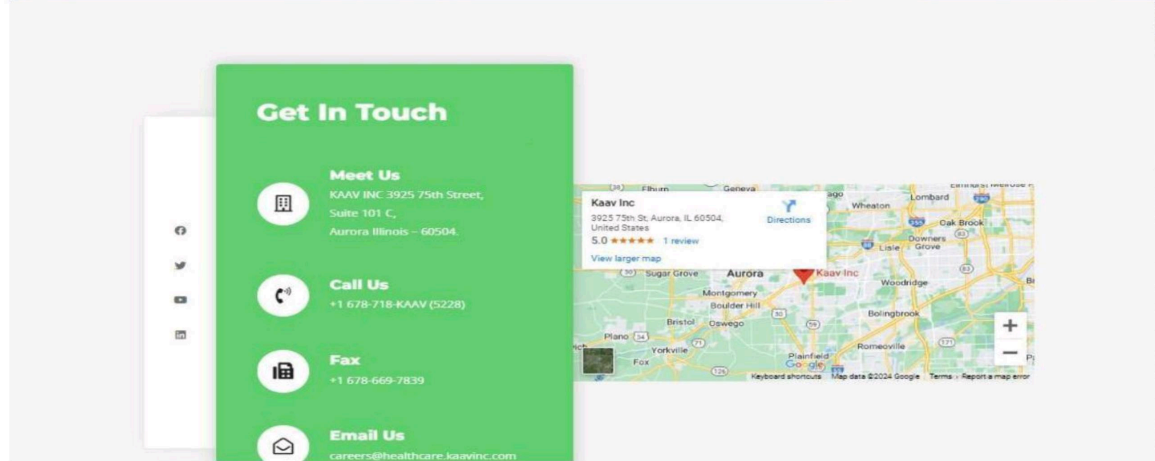


Figure 3.5 Contact Us

Chapter 4

CONCLUSION AND FUTURE WORKS

4.1 Conclusion

The Kaav Healthcare stands as a pivotal entity at the intersection of drug manufacturing and patient consultation, embodying a commitment to both medical innovation and compassionate care. As a drug manufacturing company, Kaav prioritizes the development of pharmaceuticals that not only address critical medical needs but also adhere to rigorous standards of safety and efficacy.

Moreover, Kaav Healthcare's dedication extends beyond mere product creation; it extends to fostering meaningful patient-doctor relationships through its consultation services. Recognizing the importance of personalized care in the realm of healthcare, Kaav provides platforms for patients to engage with healthcare professionals, seek guidance, and gain access to tailored treatment plans. By facilitating open communication channels and leveraging technological advancements, Kaav endeavors to empower patients to make informed decisions about their health and well-being.

In essence, Kaav Healthcare emerges as a beacon of excellence within the healthcare landscape, blending innovation with empathy to drive positive outcomes for both patients and the medical community. Through its dual focus on drug manufacturing and patient consultation, Kaav not only strives to deliver cutting-edge pharmaceutical solutions but also aims to nurture a culture of holistic care where individuals feel supported and empowered in their journey towards wellness.

4.2 Future Works

1. Integration of Machine Learning and Predictive Analytics: Implement machine learning algorithms to analyze patients data and predict trends in engagement, donation patterns, and trajectories. This can help institutions tailor their outreach efforts and services more effectively.

2. Enhanced Personalization Features: Develop features that allow patients to personalize their profiles, update their information easily, and receive tailored recommendations based on their interests and preferences.

3. Mobile Application Development: Create a mobile application companion to the Website, providing People with convenient access to The features on their smartphones or tablets. This can include push notifications for event reminders, news updates, and networking opportunities.

4. Integration with Social Media Platforms: Enhance the website's social connectivity by integrating with popular social media platforms. This can enable people to log in using their social media accounts, share updates to their social networks, and connect across different platforms.

5. Telemedicine Capabilities: Integrating telemedicine capabilities into the website enables remote consultations, allowing patients to receive medical advice and prescriptions from their homes. This benefits individuals with limited mobility or those in remote areas, expanding access to quality healthcare services and promoting healthcare accessibility.

REFERENCES

Journals

- John Doe, Jane Smith , "Advancements in Responsive Web Design Techniques", no. 3 (2023): 45-58 ,Jan 2023.
- Emily Johnson, Michael Lee , "WebAssembly: A Game-Changer in Web Development", vol. 3, March 2022.
- David Brown, Sarah Clark , "Interactive Learning Environments for Web Development Education", Dec 2021.

Books

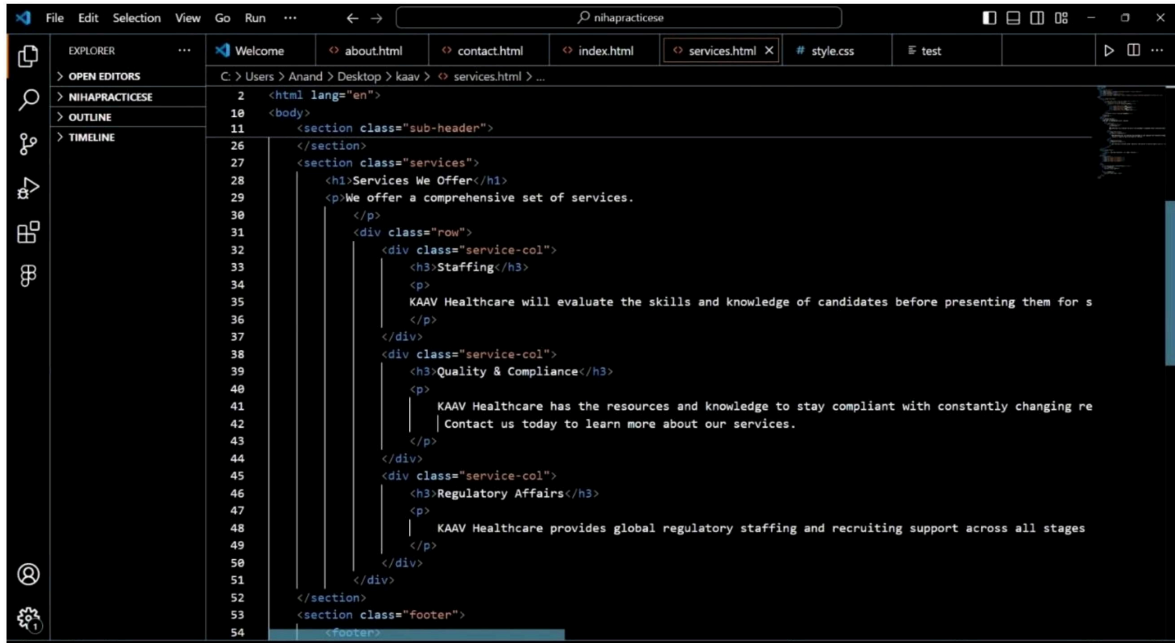
- Marijn Haverbeke, "A Modern Introduction to Programming", Basic JavaScript Values Variables and Control Flow, pg. 9, 2018.
- Jon Duckett , "Design and Build Websites", Process & Design , pg. 476, 2011.
- Jennifer Robbins, "Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics" , HTML Markup for Structure , pg. 47 , 2018.

Websites

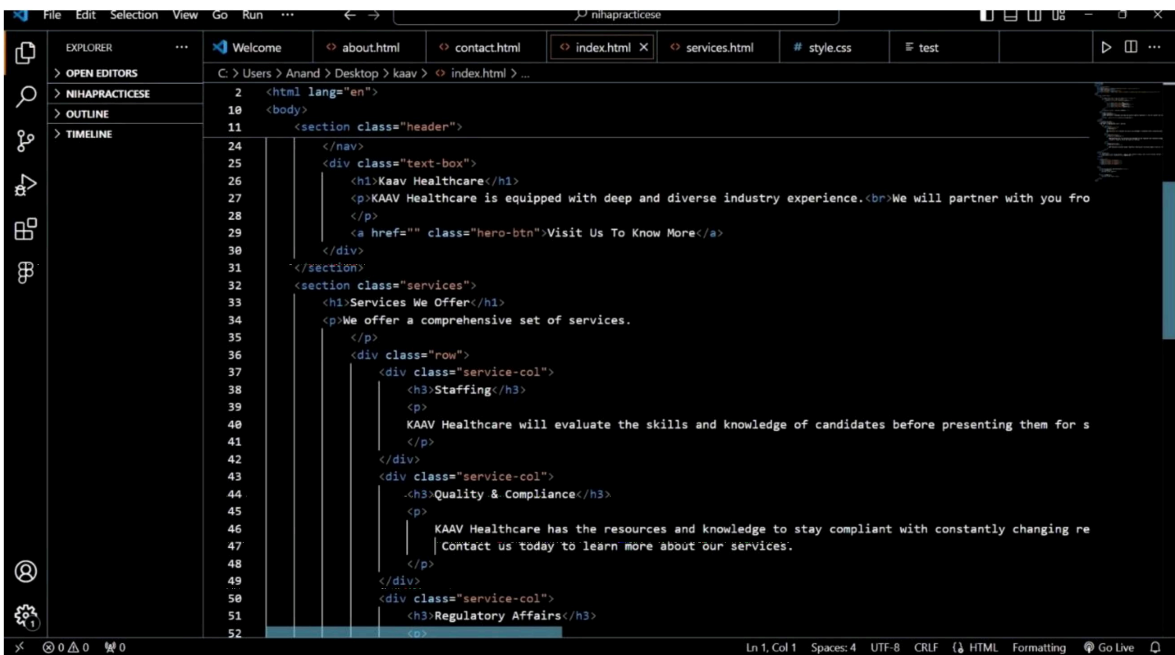
- (<https://developer.mozilla.org/>) MDN Web Docs
- (<https://stackoverflow.com/>) Stack Overflow
- (<https://github.com/>) GitHub

APPENDICES

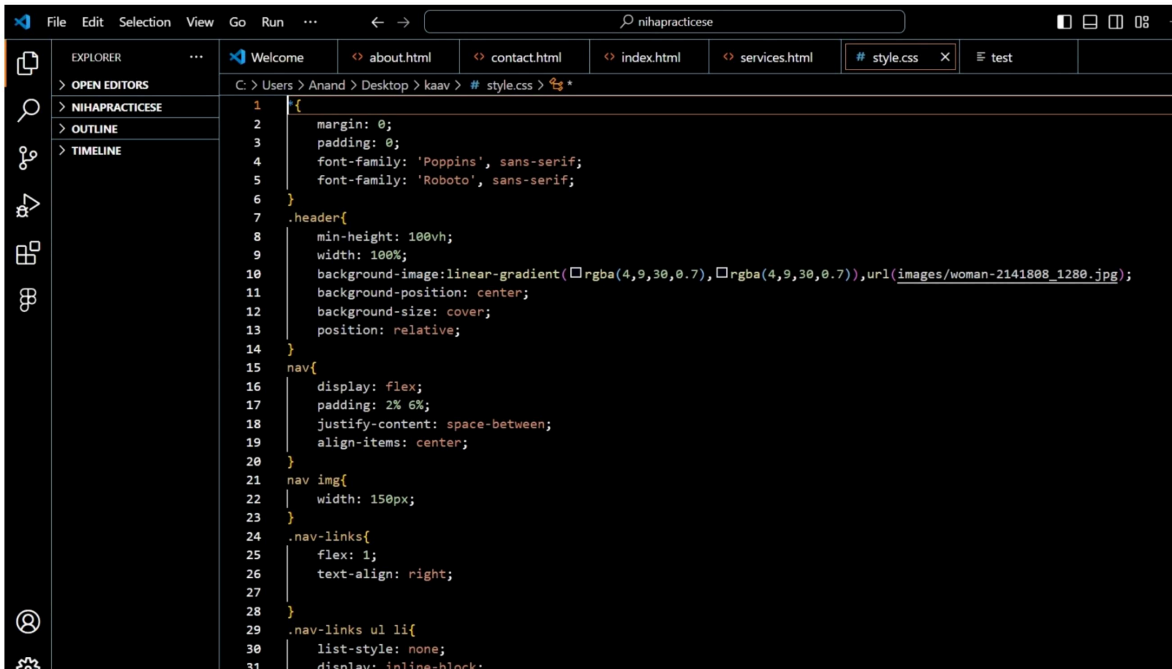
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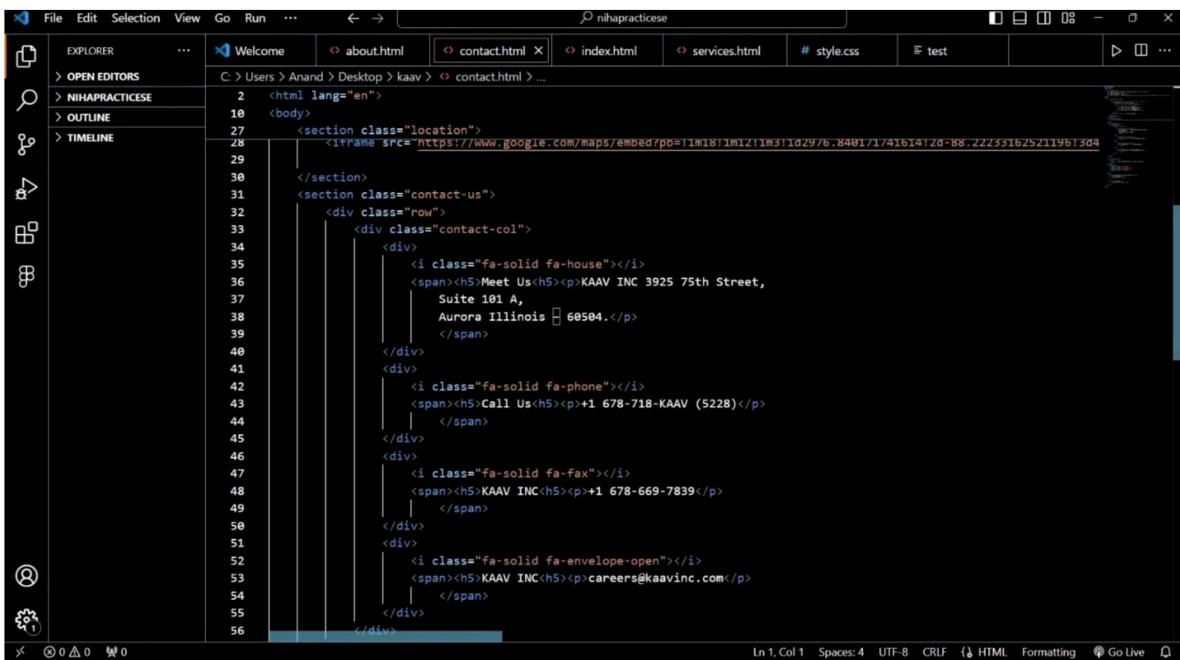
```
2 <html lang="en">
10 <body>
11 <section class="sub-header">
26 </section>
27 <section class="services">
28 <h1>Services We Offer</h1>
29 <p>We offer a comprehensive set of services.
30 </p>
31 <div class="row">
32 <div class="service-col">
33 <h3>Staffing</h3>
34 <p>
35 KAAV Healthcare will evaluate the skills and knowledge of candidates before presenting them for s
36 </p>
37 </div>
38 <div class="service-col">
39 <h3>Quality & Compliance</h3>
40 <p>
41 KAAV Healthcare has the resources and knowledge to stay compliant with constantly changing re
42 Contact us today to learn more about our services.
43 </p>
44 </div>
45 <div class="service-col">
46 <h3>Regulatory Affairs</h3>
47 <p>
48 KAAV Healthcare provides global regulatory staffing and recruiting support across all stages
49 </p>
50 </div>
51 </div>
52 </section>
53 <section class="footer">
54 <footer>
```



```
2 <html lang="en">
10 <body>
11 <section class="header">
24 </nav>
25 <div class="text-box">
26 <h1>Kaav Healthcare</h1>
27 <p>KAav Healthcare is equipped with deep and diverse industry experience.<br>We will partner with you fro
28 </p>
29 <a href="" class="hero-btn">Visit Us To Know More</a>
30 </div>
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52 <p>
```



```
1 {
2   margin: 0;
3   padding: 0;
4   font-family: 'Poppins', sans-serif;
5   font-family: 'Roboto', sans-serif;
6 }
7 .header{
8   min-height: 100vh;
9   width: 100%;
10  background-image:linear-gradient(rgba(4,9,30,0.7),rgba(4,9,30,0.7)),url(images/woman-2141808_1280.jpg);
11  background-position: center;
12  background-size: cover;
13  position: relative;
14 }
15 nav{
16   display: flex;
17   padding: 2% 6%;
18   justify-content: space-between;
19   align-items: center;
20 }
21 nav img{
22   width: 150px;
23 }
24 .nav-links{
25   flex: 1;
26   text-align: right;
27 }
28
29 .nav-links ul li{
30   list-style: none;
31   display: inline-block;
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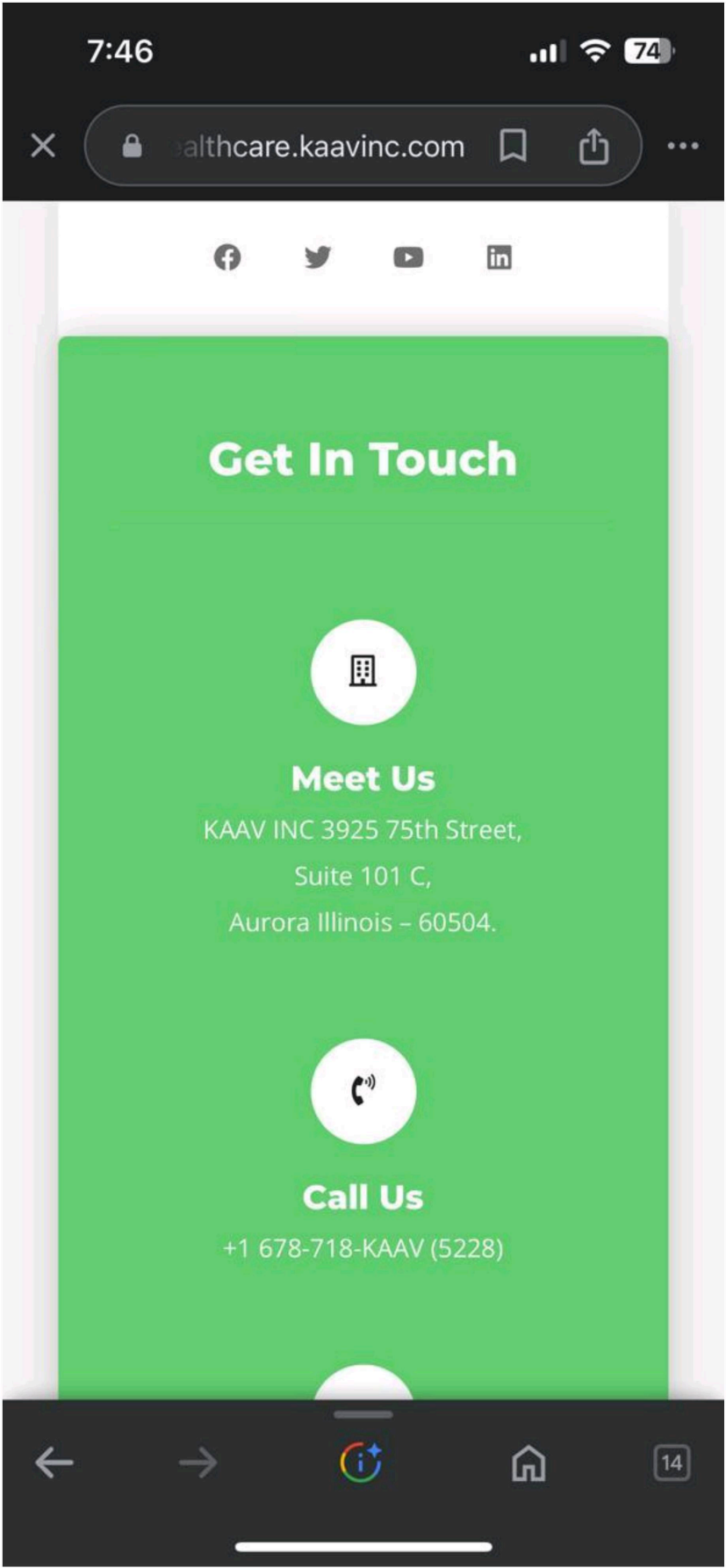


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27 <section class="location">
28   <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2976.8481174161412d-88.2223316252119613d4
29 </section>
30
31 <section class="contact-us">
32   <div class="row">
33     <div class="contact-col">
34       <div>
35         <i class="fa-solid fa-house"></i>
36         <span><h5>Meet Us<h5><p>KAAV INC 3925 75th Street,
37           Suite 101 A,
38           Aurora Illinois ☐ 60504.</p>
39       </span>
40     </div>
41     <div>
42       <i class="fa-solid fa-phone"></i>
43       <span><h5>Call Us<h5><p>+1 678-718-KAAV (5228)</p>
44     </span>
45     </div>
46     <div>
47       <i class="fa-solid fa-fax"></i>
48       <span><h5>KAAV INC<h5><p>+1 678-669-7839</p>
49     </span>
50     </div>
51     <div>
52       <i class="fa-solid fa-envelope-open"></i>
53       <span><h5>KAAV INC<h5><p>careers@kaavinc.com</p>
54     </span>
55     </div>
56   </div>
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49 </div>
50 <div class="service-col">
51 <h3>Regulatory Affairs</h3>
52 <p>
```

B.SCREENSHOTS





Emerging Business Solutions

Kaav Business Solutions

Kaav Business Solutions is the most Admired and
Trusted Organization in Serving Customers across the
Globe in All Domains & Technologies.

We Offer an Extensive Range of Software Services Which
Help Our Customers Achieve Faster Innovation and
Simplifying Business Complexity in Every Segment of
the It Services Industry.

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KAAV
Healthcare

Kaav Healthcare

Kaav Healthcare is on a mission to leverage the power of
technology to enhance patient experiences, streamline
healthcare delivery, and contribute to overall health and
wellness. With a focus on preventive care, early
diagnosis, and advanced treatment options, Kaav aspires
to make a lasting impact on the health outcomes of
individuals and communities.

Services We Offer

We offer a comprehensive set of services.



Staffing

KAAV Healthcare will evaluate the skills and knowledge of candidates before presenting them for specific job roles



Quality & Compliance

KAAV Healthcare has the resources and knowledge to stay compliant with constantly changing regulations. We have a team of experts who can provide you with the best possible service. We are a principal supplier of quality talent, and pride ourselves in recruiting and retaining subject matter experts. Contact us today to learn more about our services.

