

Personal Blog on IBM Cloud Static Web Apps

BY:

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PHASE 3: Development Part 1

Project Definition:

The project is to create a personal travel blog hosted on IBM Cloud Static Web Apps. The goal is to share travel adventures, tips, and captivating photos to inspire others to explore the world and create unforgettable memories. This involves designing the blog structure, creating engaging content, setting up the IBM Cloud Static Web Apps, and ensuring ease of updating the blog.

Abstract:

Our Project is a captivating personal travel blog hosted on IBM Cloud Static Web Apps. This blog is an immersive window into the adventures, insights, and captivating moments experienced by an avid explorer. From the pristine beaches of Bali to the bustling streets of Tokyo, every blog post is a narrative that takes readers on a visual journey through picturesque destinations and shares invaluable travel tips.

The blog's IBM Cloud Static Web Apps hosting ensures seamless updates, making it easy for the author to chronicle their ongoing adventures. With engaging content, stunning photography, and insightful travel guides, Our Project inspires readers to embark on their own journeys and discover the beauty of the world.

Explore the world through the eyes of a passionate traveler, and let our project be your guide to forging unforgettable memories and igniting your own wanderlust.

Our Project:

Requirements:

- Python,Html
- CSS
- Flask
- IBM cloud

Designing:

For creating our project we will be using HTML for Creation of website whereas we will be using CSS (i.e Cascading Style Sheet) for external styling of our project.

- As initial step, We will set up our Development Environment by Installing Python.

Beginning the installation:

```
$ sudo apt-get install python3.8
```

To verify the installation enter the following commands in your Terminal.

```
Python3.8
```

Install Flask:

Use pip, Python's package manager, to install Flask by running `pip install flask` in your command line.

Setting Up the Structure (HTML)

Let us begin by establishing a Travel/Tourism project. Create a new *index.html* file in a new subdirectory to house the website layout.

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

<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <link rel="stylesheet" href="style.css" />
  <title>Go Trip</title>
</head>

<body>

  <body>

    <!--=====Nav Bar=====-->
    <section class="nav-bar">
      <div class="logo">Go Trip</div>
      <ul class="menu">
        <li><a href="#">home</a></li>
        <li><a href="#">tours</a></li>
```

```
        <li><a href="#">package</a></li>
        <li><a href="#">blog</a></li>
        <li><a href="#">about us</a></li>
        <li><a href="#">contact us</a></li>
    </ul>
</div>
```

```
</section>
```

```
<!--=====Banner=====-->
```

```
<section class="banner">
```

```
    <div class="banner-text-item">
```

```
        <div class="banner-heading">
```

```
            <h1>Find your Next tour!</h1>
```

```
        </div>
```

```
        <form class="form">
```

```
            <input type="text" list="mylist" placeholder="Where
would you like to go?">
```

```
            <datalist id="mylist">
```

```
                <option>London</option>
```

```
                <option>Canada</option>
```

```
                <option>Monaco</option>
```

```
                <option>France</option>
```

```
                <option>Japan</option>
```

```
                <option>Switzerland</option>
```

```
                <option>Seoul</option>
```

```
            </datalist>
```

```
            <input type="date" class="date">
```

```
            <a href="#" class="book">book</a>
```

```
        </form>
```

```
    </div>
```

```
</section>
```

```
<!--=====Services=====-->
```

```
<section class="services">
```

```
    <div class="service-item">
```

```
        

<h2>8000+ Our Local Guides</h2>

</div>

<div class="service-item">



<h2>100% Trusted Tour Agency</h2>

</div>

<div class="service-item">



<h2>28+ Years of Travel Experience</h2>

</div>

<div class="service-item">



<h2>98% Our Travelers are Happy</h2>

</div>

</section>

<!--=====Places=====-->

<section class="places">

<div class="places-text">

<small>FEATURED TOURS PACKAGES</small>

<h2>Favourite Places</h2>

</div>

<div class="cards">

<div class="card">

<div class="zoom-img">

<div class="img-card">



</div>

```
</div>
```

```
<div class="text">
```

```
★★★★★
```

```
<h2>The Dark Forest Adventure</h2>
```

```
<p class="cost">$1870 / Per Person</p>
```

```
<div class="card-box">
```

```
<p class="time">🕒 3 Days</p>
```

```
<p class="location">✈ Vancouver, Canada</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="card">
```

```
<div class="zoom-img">
```

```
<div class="img-card">
```

```

```

```
</div>
```

```
</div>
```

```
<div class="text">
```

```
★★★★★
```

```
<h2>The Dark Forest Adventure</h2>
```

```
<p class="cost">$1870 / Per Person</p>
```

```
<div class="card-box">
```

```
<p class="time">🕒 3 Days</p>
```

```
<p class="location">✈ Paris, France</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="card">
```

```
<div class="zoom-img">
```

```
<div class="img-card">
```

```


 </div>
</div>

<div class="text">
 ★★★★★
 <h2>The Dark Forest Adventure</h2>
 <p class="cost">$1870 / Per Person</p>
 <div class="card-box">
 <p class="time">🕒 3 Days</p>
 <p class="location">📍 Monaco, Monaco</p>
 </div>
</div>

</div>
<div class="card">
 <div class="zoom-img">
 <div class="img-card">

 </div>
 </div>

 <div class="text">
 ★★★★★
 <h2>The Dark Forest Adventure</h2>
 <p class="cost">$1870 / Per Person</p>
 <div class="card-box">
 <p class="time">🕒 3 Days</p>
 <p class="location">📍 Bern, Switzerland</p>
 </div>
 </div>
</div>

```

```
</div>

<div class="card">
 <div class="zoom-img">
 <div class="img-card">

 </div>
 </div>

 <div class="text">
 ★★★★★
 <h2>The Dark Forest Adventure</h2>
 <p class="cost">$1870 / Per Person</p>
 <div class="card-box">
 <p class="time">🕒 3 Days</p>
 <p class="location">✈️ Seoul, South Korea</p>
 </div>
 </div>

</div>

<div class="card">
 <div class="zoom-img">
 <div class="img-card">

 </div>
 </div>

 <div class="text">
 ★★★★★
 <h2>The Dark Forest Adventure</h2>
 <p class="cost">$1870 / Per Person</p>
 <div class="card-box">
 <p class="time">🕒 3 Days</p>
```

```
 <p class="location">✈ Tokyo, japan</p>
 </div>
 </div>
 </div>
</div>
</section>
<!--=====About Us=====-->
<section class="about">
 <div class="about-img">

 </div>
 <div class="about-text">
 <small>ABOUT OUR COMPANY</small>
 <h2>We are Go Trip Ravels Support Company</h2>
 <p>Lorem ipsum dolor sit amet, consectetur adipisicing
elit,
 sed do eiusmod tempor incididunt ut labore et dolore
magna aliqua.
 Ut enim ad minim veniam, quis nostrud</p>

 <label><input type="checkbox" checked>Lorem ipsum dolor
sit amet</label>
 <label><input type="checkbox" checked>consectetur
adipisicing elit</label>
 <label><input type="checkbox" checked>Architecto atque
consequuntur</label>
 <label><input type="checkbox" checked>cupiditate
doloremque ducimus</label>
 ABOUT US
 </div>
</section>

<!--=====Footer=====-->
<div class="footer">
 <div class="links">
 <h3>Quick Links</h3>
```



```

 Offers & Discounts
 Get Coupon
 Contact Us
 About

 </div>
 <div class="links">
 <h3>New Products</h3>

 Woman Cloth
 Fashion Accessories
 Man Accessories
 Rubber made Toys

 </div>
 <div class="links">
 <h3>Support</h3>

 Frequently Asked Questions
 Report a Payment Issue
 Terms & Conditions
 Privacy Policy

 </div>
</div>
</body>
```

```
</html>
```

```
</body>
```

```
</html>
```

In our project, we will use the same procedure; we will build a header section where we will add the heading, and we will add the main content inside the main section.

## **Header Section of travel website:**

First, in the header section of our website, we will add a navbar for our travel website using the `<nav>` tag, and inside the nav tag, we will create different navbar links for our website navbar using an unordered list.

Inside our header section, we will add another section called “banner,” within which we will add a heading using the `<h1>` tag; a text input box using the form tag; a menu list for selecting the countries from the menu list; an input of type “date” to select the date from the calendar; and a book button using the `<a>` tag.

## **Body Section of travel website:**

In the body section, we will develop three sections: one for services, one for places, and one for about us. In this section, we will introduce several structures. Within our services section, we will use the `<div>` to create a container for our service items, and within our div tag, we will add an image and a sub-heading using the `<h2>`, as well as three more service items.

Concerning the places portion, we will create the locations in card format. In our places sections, we will first create some div tags, and within those, we will add an image related to the place using the `img>` tag, and the text for that place using another div tag. We'll use the span and h2 tags inside that div to add a rating for the place, and the h2 tag to add the subheading of our place items. We'll make 5 more image cards with zoom features like this one.

**Restaurant Website Using HTML and CSS**

Now, within our about section, we will use the `<section>` tag to create another section for about us, and within that, we will use the `<img>` tag to add a display image about our organisation, and we will use the general html element to give a brief explanation about our website.

**Footer Section:**

We'll use the footer tag to create a footer section and the `<div>` tag to create a div section. Using the `&copy;` tag, we will add the copyright emblem and copyright material, as well as the name of the person who designed the website, using the `<p>` tag. We will generate links for the footer using the unordered list and the `<h3>` tag. We will include a heading for the quick link, as well as additional items and support. Now that we've added structure to our webpage, let's have a look at it.

Go Trip

- [home](#)
- [tours](#)
- [package](#)
- [blog](#)
- [about us](#)
- [contact us](#)

**Find your Next tour!**

Where would you like to  ☐ [book](#)



**Travel Website Using HTML**

## Styling the Travel Website (CSS):

Let's concentrate on how we can style our website. I'll highlight some key points to remember when styling.

```
@import
url("https://fonts.googleapis.com/css2?family=Barlow+Condensed:wght@500&display=swap");

@import url("https://fonts.googleapis.com/css2?family=Satisfy&display=swap");

@import
url("https://fonts.googleapis.com/css2?family=Roboto:wght@300&display=swap");

* {

 box-sizing: border-box;

 margin: 0;

}

body,

html {

 margin: 0;
```

```
padding: 0;
}

/*-----Scroll Bar-----*/
::-webkit-scrollbar {
 width: 20px;
}

::-webkit-scrollbar-track {
 box-shadow: inset 0 0 5px grey;
 border-radius: 10px;
}

::-webkit-scrollbar-thumb {
 background-color: #fde65e;
 border-radius: 10px;
}

::-webkit-scrollbar-thumb:hover {
 background-color: #fde02f;
}

/*=====Nav Bar=====*/
.nav-bar {
 display: flex;
 flex-flow: row wrap;
 width: 100%;
 height: 90px;
 background-color: #fff;
 box-shadow: 3px 3px 10px lightslategray;
 align-items: center;
 justify-content: center;
 position: sticky;
 top: 0;
 z-index: 1;
}
```

```
.logo {
 flex: 1;
 font-size: 40px;
 padding: 20px;
 margin-left: 50px;
 font-family: Satisfy;
}

ul.menu {
 flex: 1;
 display: flex;
 flex-flow: row wrap;
}

.menu li {
 flex: 1;
 list-style-type: none;
 font-size: 16px;
 font-family: "Barlow Condensed";
 text-align: center;
}

.menu li a {
 text-decoration: none;
 color: #000;
 text-transform: uppercase;
}

.menu li a:hover {
 color: midnightblue;
 text-decoration: underline;
}

/*=====Banner=====*/

.banner {
 background-image:
url("https://res.cloudinary.com/dxssqb6l8/image/upload/v1605294054/young-woman-enjoying-beautiful-scenery-of-lago-di-braies-italy-picjumbo-com_aa0fvw.jpg");
```

```
background-size: cover;
background-repeat: no-repeat;
background-position: center;
/*overflow: hidden;*/
width: 100%;
height: 100vh;
text-align: center;
position: relative;
display: flex;
justify-content: center;
align-items: center;
}

.banner::before {
 content: "";
 position: absolute;
 display: block;
 top: 0;
 left: 0;
 bottom: 0;
 right: 0;
 background-color: rgba(0, 0, 0, 0.2);
 /*background-size: 100%;*/
}

.banner-text-item {
 position: absolute;
 width: 100%;
 text-align: center;
 display: flex;
 flex-flow: column wrap;
 justify-content: center;
 align-items: center;
}

.banner-heading {
 flex: 1;
```

```
}
```

```
.banner-heading h1 {
 font-size: 100px;
 font-weight: normal;
 color: #fde02f;
 font-family: Satisfy;
}
```

```
.banner-text-item .form {
 flex: 1;
 display: flex;
 flex-flow: row wrap;
 justify-content: center;
 align-items: center;
 background-color: rgba(255, 255, 255, 0.2);
 border-radius: 5px;
 width: 70%;
 padding: 1% 2%;
}
```

```
.banner-text-item input,
.banner-text-item .date,
.banner-text-item .book {
 padding: 15px;
 margin-right: 10px;
 font-size: 18px;
 font-family: Roboto;
 border-radius: 5px;
 outline: 0;
 border: none;
}
```

```
.banner-text-item input {
 width: 50%;
 flex: 2;
}
```

```
.banner-text-item .date {
 width: 20%;
 flex: 1;
}
```

```
.banner-text-item .book {
 width: 20%;
 flex: 1;
}
```

```
.banner-text-item .book {
 text-decoration: none;
 color: #000;
 text-transform: uppercase;
 padding: 15px;
 cursor: pointer;
 background-color: #fde02f;
 font-size: 16px;
 font-weight: normal;
 font-family: "Barlow Condensed";
 width: 20%;
}
```

```
/*=====Services=====*/
```

```
.services {
 display: flex;
 flex-flow: row;
 align-items: center;
 justify-content: center;
}
```

```
.service-item {
 flex: 1;
 padding: 50px 10px;
 border: lightcyan solid 1px;
 text-align: center;
```



```
margin: 180px 50px;
transition: all 1s;
display: flex;
flex-flow: column;
align-items: center;
justify-content: center;
}

.service-item:hover {
 box-shadow: 3px 3px 20px lightsteelblue;
}

.service-item h2 {
 font-family: Barlow Condensed;
 font-size: 18px;
 width: 120px;
 color: #001f38;
 flex: 1;
}

.service-item img {
 width: 60px;
 height: 60px;
 flex: 1;
}

/*=====Places=====*/

.places-text {
 text-align: center;
 margin-bottom: 50px;
}

.places-text small {
 font-family: Roboto;
 color: #ffc342;
 font-size: 15px;
 font-weight: bolder;
```

```
}

.places-text h2 {
 font-family: Barlow Condensed;
 font-size: 55px;
 color: #191d34;
 letter-spacing: 1px;
}

.cards {
 display: grid;
 grid-template-columns: repeat(3, 1fr);
 grid-template-rows: repeat(2, 1fr);
 grid-gap: 30px;
 align-items: center;
 justify-items: center;
 text-align: center;
}

.card {
 border: 1px solid lightgray;
 box-shadow: 2px 2px 6px 0 rgba(0, 0, 0, 0.3);
 border-top-left-radius: 8px;
 border-top-right-radius: 8px;
 width: 80%;
 height: auto;
}

.card img {
 max-width: 100%;
 height: 300px;
 border-radius: 8px;
 cursor: pointer;
}

.cards .text {
 padding: 20px;
```

```
font-family: Barlow Condensed;
line-height: 50px;
}

.cards .card-box {
 display: flex;
 flex-flow: row;
 background-color: #fde02f;
 font-size: 18px;
 font-family: Roboto;
 align-items: center;
 justify-content: center;
 text-align: center;
}

.cards .time {
 flex: 1;
}

.cards .location {
 flex: 2;
}

.cards .cost {
 color: #4cafad;
 font-size: 20px;
}

/*-----Zoom in Photos-----*/
.zoom-img {
 float: left;
 position: relative;
 width: 100%;
 height: 320px;
 overflow: hidden;
}
```

```
.zoom-img .img-card {
 position: absolute;
 overflow: hidden;
}

.img-card img {
 -webkit-transition: 0.8s ease;
 transition: 0.8s ease;
}

.card:hover .zoom-img img {
 -webkit-transform: scale(1.1);
 transform: scale(1.1);
}

/*=====About Us=====*/
.about {
 display: flex;
 flex-flow: row wrap;
 align-items: center;
 justify-content: center;
 padding: 150px;
}

.about-img {
 flex: 1;
}

.about-img img {
 width: 500px;
 height: 700px;
 box-shadow: 2px 2px 6px 0 rgba(0, 0, 0, 0.3);
}

.about-text {
 flex: 1;
 /*width: 100px;*/
}
```

```
 display: flex;
 flex-flow: column wrap;
}

.about-text small,
.about-text p,
.about-text input,
.about-text a {
 flex: 1;
 font-family: Roboto;
}

.about-text small {
 color: #ffc342;
 font-size: 18px;
}

.about-text h2 {
 flex: 1;
 font-family: Barlow Condensed;
 font-size: 60px;
 color: #191d34;
 width: 450px;
}

.about-text label {
 padding-bottom: 10px;
 color: #506172;
 font-weight: bolder;
 font-family: Roboto;
 letter-spacing: 1px;
}

.about-text p {
 width: 500px;
 line-height: 30px;
 color: #506172;
```

```
font-weight: bolder;
padding: 50px 0;
}

.about-text a {
background-color: #fff;
border: 2px solid #014b85;
text-decoration: none;
border-radius: 5px;
width: 180px;
padding: 20px;
text-align: center;
margin-top: 50px;
color: #014b85;
font-weight: bolder;
font-size: 14px;
}

.about-text a:hover {
background-color: #014b85;
color: #fff;
}

/*=====Footer=====*/

.footer {
background-image:
url("https://res.cloudinary.com/dxssqb6l8/image/upload/v1605293781/pine-tree_mq2sgp.jpg");
background-size: cover;
background-repeat: no-repeat;
background-position: center;
width: 100%;
height: 670px;
position: relative;
display: flex;
flex-flow: row wrap;
justify-content: center;
align-items: center;
```

```
}
```

```
.footer::before {
 position: absolute;
 content: "";
 display: block;
 background-color: rgba(0, 0, 36, 0.8);
 top: 0;
 left: 0;
 bottom: 0;
 right: 0;
}
```

```
.footer .links {
 position: relative;
 color: #fff;
 flex: 1;
 display: flex;
 flex-flow: column;
 justify-content: center;
 align-items: center;
}
```

```
.links ul {
 list-style-type: none;
}
```

```
.links h3 {
 font-family: Barlow Condensed;
 font-weight: normal;
 font-size: 23px;
 margin-bottom: 15px;
}
```

```
.links li {
 font-family: Roboto;
 cursor: pointer;
```

```
padding: 15px 0;
}

.links li:hover {
 color: #ffa801;
}

/*=====Responsive=====*/
@media all and (max-width: 1172px) {
 .banner-text-item .form {
 display: flex;
 flex-flow: column;
 justify-content: center;
 align-items: center;
 width: 50%;
 }

 .banner-text-item .form input,
 .banner-text-item .form .date,
 .banner-text-item .form a {
 flex: 1;
 margin-bottom: 5px;
 font-size: 14px;
 }

 .banner-text-item .form input {
 width: 60%;
 }

 .banner-text-item .form .date {
 width: 30%;
 }

 .banner-text-item .form .book {
 width: 10%;
 font-size: 14px;
 }
}
```



```
.banner-heading h1 {
 font-size: 60px;
}

}

@media all and (max-width: 1414px) {

 .banner-text-item .form input {
 width: 40%;
 }

 .banner-text-item .form .date {
 width: 30%;
 }

 .banner-text-item .form .book {
 width: 20%;
 font-size: 14px;
 }
}

}

@media all and (max-width: 942px) {

 .nav-bar {
 display: flex;
 flex-flow: column wrap;
 justify-content: center;
 align-items: center;
 width: 100%;
 height: auto;
 text-align: center;
 position: static;
 }

 .logo {
 flex: 1;
 font-size: 30px;
 margin: 10px auto;
 }
}
```

```
 font-family: Satisfy;
 color: #fde02f;
}

.nav-bar ul {
 display: none;
}

.nav-bar ul li {
 flex: 1;
 margin-bottom: 5px;
 font-size: 14px;
}

.services {
 display: flex;
 flex-flow: column wrap;
}

.services .service-item {
 flex: 1;
 margin-bottom: -130px;
 width: 400px;
}

.places-text {
 margin-top: 200px;
}
}

@media all and (max-width: 928px) {
 .banner .form input,
 a {
 font-size: 12px;
 }
}
```

```
@media all and (max-width: 1173px) {
 .banner .form {
 background-color: transparent;
 }
}

@media all and (max-width: 1194px) {
 .places .card-box p {
 font-size: 14px;
 }
}

@media all and (max-width: 1086px) {
 .places .cards .text {
 line-height: 40px;
 }

 .cards .text .h2 {
 font-size: 12px;
 }

 .cards .img-card img {
 height: 260px;
 }
}

@media all and (max-width: 974px) {
 .cards {
 display: grid;
 grid-template-columns: repeat(1, 1fr);
 grid-template-rows: repeat(6, 1fr);
 grid-gap: 20px;
 }

 .card {
 width: 300px;
 height: 500px;
 }
}
```

```
 margin: auto;
}

.cards .text {
 padding: 5px;
 font-family: Barlow Condensed;
}
}

@media all and (max-width: 1334px) {
 .about-img img {
 width: 300px;
 height: 500px;
 }
}

@media all and (max-width: 1116px) {
 .about {
 display: flex;
 flex-flow: column wrap;
 justify-content: center;
 align-items: center;
 }

 .about-img {
 flex: 1;
 margin-bottom: 20px;
 }

 .about-text {
 flex: 1;
 margin: auto;
 text-align: center;
 display: flex;
 flex-flow: column;
 justify-content: center;
 align-items: center;
 }
}
```

```
}

.about-text h2 {
 font-size: 35px;
}

.about-img img {
 width: 400px;
 height: 400px;
}
}

@media all and (max-width: 708px) {
 .footer {
 width: 100%;
 height: 670px;
 position: relative;
 display: flex;
 flex-flow: column wrap;
 justify-content: center;
 align-items: center;
 }
}
```

**Now We have Successfully created our Travel website using HTML & CSS.**

**...THANK YOU...**