

# **Personal Travel Blog on IBM Cloud Static Web Apps**

## **Problem Statement:**

In this part you will document your project and prepare it for submission. Document the travel blog project and prepare it for submission.

## **Outline the project's objective:**

The project aims to create a personal travel blog hosted on IBM Cloud Static Web Apps. The primary objective is to inspire others to explore the world, share travel adventures, tips, and captivating photos, with the ultimate goal of creating unforgettable memories. This involves designing a structured blog, crafting engaging content, setting up IBM Cloud Static Web Apps, and ensuring seamless updating capabilities.

## **Design thinking process:**

### **1. Content Planning**

- Objective: Define the blog's structure, categorizing content into sections such as travel stories, tips, photos, and possibly an interactive map showcasing visited destinations.

- Approach: Develop a comprehensive content plan that guides the creation and organization of blog posts.

### **2. Content Creation**

- Objective: Generate compelling travel narratives, provide useful tips for fellow travelers, and curate visually captivating photographs from various journeys.

- Approach: Write engaging stories, share practical advice, and select and edit high-quality images to create a rich and immersive reader experience.

### **3. Website Design**

- Objective: Design an aesthetically pleasing and user-friendly layout for the blog,

leveraging HTML, CSS, and potentially incorporating JavaScript for interactive elements.

- Approach: Develop a visually appealing and responsive website that enhances user

engagement and ensures a seamless browsing experience across devices.

#### 4. IBM Cloud Setup

- Objective: Establish an account on IBM Cloud and create a Static Web App to host the travel blog.

- Approach: Set up an IBM Cloud account, configure the Static Web App, and deploy the website to ensure it is accessible online.

#### 5. Content Management

- Objective: Select a suitable content management system (CMS) or static site generator to facilitate easy updates and management of the blog.

- Approach: Evaluate and choose a CMS or static site generator that aligns with the

project's requirements, ensuring efficient content creation and maintenance.

### **Development phases:**

#### 1.Social Media Sharing Buttons

- Choosing a Social Media Plugin or library that provides easy-to-implement sharing buttons.
- Integrating the Plugin into blog.
- Integrating usually involves adding a code snippet or script to our blog's template.
- Configuring Sharing Options includes Customizing the plugin settings to include the desired social media platforms and styling options.

## 2.Interactive Maps

- Choosing a Mapping Service: Decide services like Google Maps, Map box, or OpenStreetMap for our interactive maps.
- Setting Up the API key by registering on the mapping service and obtain the API key.
- Following the mapping service's documentation to integrate the Map on our blog.
- Customizing the map's appearance, markers, and interactions according to our preferences.

## 3.Comment Section

- Selecting a Commenting Platform as Disqus, Commento, or another solution that integrates well with static sites.
- Creating an Account and Configure Settings: Signing up for an account on the chosen commenting platform and configure the settings according to our preferences.
- Following the platform's documentation to integrate it into our blog.
- Customizing Comment Section Appearance and layout of the comment section to match the overall design of our blog.
- Setting up any moderation features(emoji, gif, stickers) provided by the platform to ensure a healthy discussion environment.

# Describe the website structure:

## a.Code For Website layout using HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Travel Blog</title>
<link rel="stylesheet" href="styles.css" />
</head>
<body>
<header>
<h1>My Travel Adventures</h1>
<nav>
<ul>
<li><a href="#about">About</a></li>
<li><a href="#blog">Blog</a></li>
<li><a href="#contact">Contact</a></li>
</ul>
</nav>
</header>
<br />
<section id="about">
<h2>OOTY VLOG</h2>
<hr />
<br />
<p>
Nilgiri Mountain Railway Embark on a nostalgic journey aboard the
UNESCO-listed Nilgiri Mountain Railway. This narrow-gauge train winds
its way through verdant valleys, chugging along at a leisurely pace. As
you traverse through the hills, be prepared to be captivated by the
breathtaking views of mist-covered forests, cascading waterfalls, and
quaint villages. It's a journey that transports you back in time and
leaves an indelible mark on your soul. Emerald Lake: A Serene Retreat
Tucked away from the hustle and bustle of the town, Emerald Lake is a
tranquil oasis that invites visitors to unwind amidst nature's splendor.
The emerald-green waters mirror the surrounding hills, creating a
postcard-perfect scene. Pack a picnic, or simply sit by the lake,
letting the soothing ambiance wash over you. Botanical Gardens: A
Symphony of Flora The Government Botanical Gardens in Ooty are a
horticulturist's delight and a visual treat for all. Spanning a vast
expanse, these gardens are home to an incredible variety of exotic
plants, rare trees, and vibrant flower beds. The highlight is the
fossilized tree trunk, dating back millions of years, standing as a
silent witness to the passage of time.
</p>
</section>
<section id="blog">
<h2>Latest Blog Posts</h2>
<hr />
<br />


<!-- Blog post previews go here -->
</section>
<section id="contact">
<h2>Contact Me</h2>
<hr />
<br />
<p>9345619414</p>
<!-- Contact form goes here -->
</section>
```

```
<footer>
<p>&copy; 2023 My Travel Adventures</p>
</footer>
</body>
</html>
```

## b.Code For Website layout using CSS:

```
body,
h1,
h2,
h3,
p,
ul,
li {
margin: 0;
padding: 0;
}
body {
font-family: Arial, sans-serif;
}
header {
background-color: #333;
color: #fff;
padding: 20px;
}
nav ul {
list-style-type: none;
}
nav ul li {
display: inline-block;
margin-left: 20px;
}
nav ul li a {
text-decoration: none;
color: #fff;
}
section {
padding: 10px;
margin-bottom: 30px;
}
footer {
background-color: #333;
color: #fff;
text-align: center;
padding: 10px;
position: fixed;
bottom: 0;
width: 100%;
}

}
```

## content creation:

Nilgiri Mountain Railway Embark on a nostalgic journey aboard the UNESCO-listed Nilgiri Mountain Railway. This narrow-gauge train winds its way through verdant valleys, chugging along at a leisurely pace. As you traverse through the hills, be prepared to be captivated by the breathtaking views of mist-covered forests, cascading waterfalls, and quaint villages. It's a journey that transports you back in time and leaves an indelible mark on your soul. Emerald Lake: A Serene Retreat Tucked away from the hustle and bustle of the town, Emerald Lake is a tranquil oasis that invites visitors to unwind amidst nature's splendor. The emerald-green waters mirror the surrounding hills, creating a postcard-perfect scene. Pack a picnic, or simply sit by the lake, letting the soothing ambiance wash over you. Botanical Gardens: A Symphony of Flora the Government Botanical Gardens in Ooty are a horticulturist's delight and a visual treat for all. Spanning a vast expanse, these gardens are home to an incredible variety of

exotic plants, rare trees, and vibrant flower beds. The highlight is the fossilized tree trunk, dating back millions of years, standing as a silent witness to the passage of time.

## Technical implementation details:

### Setting Up Jekyll for Your Travel Blog:

#### 1.Install Jekyll:

If you haven't already, install Jekyll on your local machine. You can follow the official Jekyll Installation Guide for detailed instructions.

#### 2.Create a New Jekyll Site:

Open a terminal or command prompt and run the following command to create a new Jekyll site:

```
jekyll new mytravelblog
```

#### 3.Add Content:

Create new posts or pages by adding markdown files (.md) to the `_posts` or `_pages` directory respectively.

#### 4.Preview my Site:

Run the development server to preview your site locally. In your terminal, navigate to your project directory and run:

```
bundle exec jekyll serve
```

#### 5.Make Updates:

To update your blog content, simply edit the markdown files. Jekyll will automatically regenerate the site with your changes.

#### 6. Repository:

Make sure your Jekyll project is hosted in a Git repository. If it's not already, you can initialize a Git repository and push it to a platform like GitHub.

#### 7.Integrate with Static Web Apps:

Now that you have your Jekyll blog, integrate it with Static Web Apps following the steps outlined in the previous message.

# screenshots or images of the blog's user interface:

## My Travel Adventures

[About](#) [Blog](#) [Contact](#)

### OOTY VLOG

Nigiri Mountain Railway Embark on a nostalgic journey aboard the UNESCO-listed Nigiri Mountain Railway. This narrow-gauge train winds its way through verdant valleys, chugging along at a leisurely pace. As you traverse through the hills, be prepared to be captivated by the breathtaking views of mist-covered forests, cascading waterfalls, and quaint villages. It's a journey that transports you back in time and leaves an indelible mark on your soul. Emerald Lake: A Serene Retreat Tucked away from the hustle and bustle of the town, Emerald Lake is a tranquil oasis that invites visitors to unwind amidst nature's splendor. The emerald-green waters mirror the surrounding hills, creating a postcard-perfect scene. Pack a picnic, or simply sit by the lake, letting the soothing ambiance wash over you. Botanical Gardens: A Symphony of Flora The Government Botanical Gardens in Ooty are a horticulturist's delight and a visual treat for all. Spanning a vast expanse, these gardens are home to an incredible variety of exotic plants, rare trees, and vibrant flower beds. The highlight is the fossilized tree trunk, dating back millions of years, standing as a silent witness to the passage of time.

### Latest Blog Posts



### Contact Me

9345619414