

PERSONAL BLOG ON IBM CLOUD STATIC WEB APPS

Development part – 2:

To make an interactive personal travel blog, we can add various features using HTML, CSS, and some JavaScript. Here are some features along with code snippets,

1. Image Sliders:

Creating an image slider to showcase the travel photos.

#HTML

```
<div class="slider">  
    
    
    
</div>
```

#CSS

```
.slider{  
  display: flex;  
  overflow: hidden;  
}  
  
.slider img {  
  width: 100%;  
  transition: transform 0.5s;  
}
```

#JavaScript

```
<script>

const slider = document.querySelector('.slider');

let counter = 1;

setInterval(() => {
    slider.style.transition = 'transform 0.5s ease-in-out';
    slider.style.transform = `translateX(${ -counter * 100}%)`;
    counter++;
    if (counter === 3) {
        setTimeout(() => {
            slider.style.transition = 'none';
            slider.style.transform = 'translateX(-100%)';
            counter = 1;
        }, 500);
    }
}, 3000);

</script>
```

2. Interactive Maps:

Adding Embed interactive maps using services like Google Maps or Mapbox.

#HTML

```
<div id="map"></div>
```

#CSS

```
#map {  
  height: 300px;  
  width: 100%;  
}
```

#JavaScript

```
<script>  
  function initMap() {  
    const location = { lat: 48.8588443, lng: 2.2943506 };  
    const map = new google.maps.Map(document.getElementById('map'), {  
      center: location,  
      zoom: 14  
    });  
    const marker = new google.maps.Marker({ position: location, map: map });  
  }  
</script>  
  
<script async defer  
src="https://maps.googleapis.com/maps/api/js?key=YOUR_API_KEY&callback=initMap"></script>
```

3. Image Lightbox:

It allows users to view images in a larger, interactive lightbox when they click on them.

#HTML

```

```

#CSS

```
.lightbox {  
  display: none;  
  position: fixed;  
  top: 0;  
  left: 0;  
  width: 100%;  
  height: 100%;  
  background: rgba(0, 0, 0, 0.8);  
  text-align: center;  
}  
  
.lightbox img {  
  max-width: 80%;  
  max-height: 80%;  
  margin: 10% auto;  
}
```

#JavaScript

```
<script>  
  
  const lightboxTrigger = document.querySelector('.lightbox-trigger');  
  
  const lightbox = document.createElement('div');  
  
  lightbox.className = 'lightbox';  
  
  
  lightboxTrigger.addEventListener('click', () => {
```

```
lightbox.innerHTML = ``;

document.body.appendChild(lightbox);

lightbox.style.display = 'block';

});

lightbox.addEventListener('click', () => {
  lightbox.style.display = 'none';
});
</script>
```

4. Social Media Sharing Buttons:

Adding social media sharing buttons to our blog posts.

#HTML

```
<div class="share-buttons">

  <a
href="https://www.facebook.com/share?url=YOUR_BLOG_POST_URL">Facebook
</a>

  <a href="https://twitter.com/share?url=YOUR_BLOG_POST_URL&text=Check
out this awesome travel blog!">Twitter</a>

</div>
```

#CSS

```
.share-buttons {
  margin-top: 10px;
}
```

```
.share-buttons a {  
    margin-right: 10px;  
    text-decoration: none;}
```

5. Comments Section:

It allows users to leave comments on our blog posts.

#HTML

```
<div class="comments">  
    <h3>Comments</h3>  
    <div class="comment">  
        <p>Great post! I love Paris.</p>  
    </div>  
    <!-- Add more comments here -->  
</div>
```

#CSS

```
.comments {  
    margin-top: 20px;  
}  
  
.comment {  
    border: 1px solid #ccc;  
    padding: 10px;  
    margin-bottom: 10px;  
}
```