

# UM-Blog Website

A fully functional and responsive blog website built using HTML, CSS, and JavaScript. This project showcases fundamental front-end development skills with an emphasis on design, interactivity, and clean code structure.

## Live Website

👉 Visit Homepage: <https://saptarshi1984.github.io/UM-BlogWebsite/>

## Project Objectives

- ✓ Design a clean and visually appealing blog layout.
- ✓ Create a structured file system with **index.html**, **styles.css**, and **script.js**.
- ✓ Develop at least three blog posts with titles, content, dates, and images.
- ✓ Implement a navigation menu for seamless browsing.
- ✓ Add a JavaScript-powered comment section on each blog post.
- ✓ Ensure full responsiveness across devices using CSS media queries.
- ✓ Include extra features like search functionality and social sharing buttons.
- ✓ Test the website across multiple browsers and screen sizes.
- ✓ Maintain well-documented and clean code.

## Tech Stack

- **HTML5** – Semantic page structure
- **CSS3** – Custom styles for layout, typography, and responsiveness
- **JavaScript** – Handles the like, comment, and reply functionalities
- **Font Awesome** – For icons (website: <https://fontawesome.com>)

## Extra Features

- 🌙 **Dark Mode:** Toggle between light and dark themes for improved accessibility and reading comfort.

## Project Structure

bash

CopyEdit

UM-BlogWebsite/

```
|— index.html           # Homepage with article links
|— article1.html        # First blog article
|— article2.html        # Second blog article
|— article3.html        # Third blog article
|— style.css            # Styling for all pages
|— script.js            # JavaScript for interactivity
└— README.md           # Project documentation
```

## **Content Goals**

- Share learnings from the world of **web development**
- Practice and showcase **HTML/CSS design skills**

## **Deployment**

This project is deployed using **GitHub Pages**.

No external hosting or backend is required — just push to the repository and go live.

## Key Code Snippets

### Dark Mode Toggle

```
function dark_modeToggle() {  
  
  // Toggle the "darkMode" class on the body  
  
  document.body.classList.toggle("darkMode");  
  
  const icon = document.getElementById("modeIcon");  
  
  if (document.body.classList.contains("darkMode")) {  
  
    // Save preference to localStorage  
  
    localStorage.setItem("theme", "darkMode");  
  
    // Switch icon to sun  
  
    icon.classList.remove("fa-moon");  
  
    icon.classList.add("fa-sun");  
  
  } else {  
  
    // Save preference to localStorage  
  
    localStorage.setItem("theme", "lightMode");  
  
    // Switch icon to moon
```

```
icon.classList.remove("fa-sun");  
  
icon.classList.add("fa-moon");  
  
}  
  
}
```

### **Comment Section Logic**

```
let count = 0;  
  
let btnX = 0;  
  
// Handles submission of a new comment  
  
function submitComment() {  
  
    count++;  
  
    btnX++;  
  
    const name = document.getElementById("userName").value;  
  
    const email = document.getElementById("userEmail").value;  
  
    const comment = document.getElementById("userComment").value;  
  
    const divElement = document.createElement("div");  
  
    divElement.innerHTML = `  
  
        
```

```
<h3>@${name}</h3>

<p>${comment}</p>

<div id="like-reply">

    <i onclick="funcLike(${count})" id="liked-${count}" class="fa-regular
fa-thumbs-up"></i>

    <a onclick="replyComment(${count})"
id="replyBtn-${count}"><span>Reply</span></a>

</div>

<div id="replies-${count}"></div>

<div id="replySec-${count}" class="inputStyle"></div>

<hr>

`;

document.getElementById("commentBox").appendChild(divElement);

divElement.classList.add("commentStyle");

// Clear input fields

document.getElementById("userName").value = "";

document.getElementById("userEmail").value = "";

document.getElementById("userComment").value = "";

}
```

**// Toggles the like icon style**

```
const funcLike = (x) => {  
  
  document.getElementById(`liked-${x}`).classList.toggle("fa-solid");  
  
};
```

**// Displays the reply input section**

```
const replyComment = (x) => {  
  
  const reply = document.getElementById(`replySec-${x}`);  
  
  reply.innerHTML = `  
  
    <input id="replyInput-${x}" type="text">  
  
    <button id="postBtn-${x}" type="button"  
onclick="postReply(${x})">Post</button>  
  
    <button id="canBtn-${x}" type="button"  
onclick="cancel(${x})">Cancel</button>  
  
  `;  
  
};
```

**// Posts a reply and appends it to the comment**

```
const postReply = (x) => {  
  
  const replied = document.getElementById(`replyInput-${x}`).value;
```

```
const rMsg = document.createElement("p");

rMsg.innerHTML = `<span id="x-${x}">${replied}</span>`;

document.getElementById(`replies-${x}`).appendChild(rMsg);

cancel(x);

};

// Cancels the reply input section

const cancel = (x) => {

  document.getElementById(`replyInput-${x}`).remove();

  document.getElementById(`postBtn-${x}`).remove();

  document.getElementById(`canBtn-${x}`).remove();

};
```



## Responsive Design with Media Queries

```
/*  Below 1600px */
```

```
@media screen and (width < 1600px) {
```

```
  .article {
```

```
    gap: 0.4rem;
```

```
  }
```

```
  .article p {
```

```
    font-size: 1rem;
```

```
  }
```

```
  .article h2 {
```

```
    font-size: 1.2rem;
```

```
  }
```

```
}
```

```
/*  Below 1550px */
```

```
@media screen and (width < 1550px) {
```

```
  .card h2 {
```

```
    font-size: 1.2rem;
```

```
}
```

```
.blog {
```

```
  flex-direction: column;
```

```
  width: 80%;
```

```
  align-items: center;
```

```
  justify-content: space-evenly;
```

```
}
```

```
.midSec,
```

```
.rightSec,
```

```
.right-block {
```

```
  width: 100%;
```

```
  justify-content: center;
```

```
}
```

```
.subscription {
```

```
  justify-content: space-around;
```

```
  background: var(--brand-color);
```

```
  padding: 0;
```

```
text-align: center;

gap: 1rem;

color: #fff;

}

#subInput {

flex-direction: column;

align-items: center;

gap: 1rem;

}

.foodParadise {

grid-template-columns: repeat(4, minmax(200px, 1fr));

height: auto;

}

#signUp {

flex-direction: column;

}

#mobileLinks {

display: none;
```

```
}
```

```
#mobileLinks a {
```

```
  color: #CF995F;
```

```
  padding: 0.8rem;
```

```
  font-size: 1.8rem;
```

```
}
```

```
.mIcon {
```

```
  position: absolute;
```

```
  top: 10px;
```

```
  right: 10px;
```

```
  color: var(--brand-color);
```

```
  font-size: 1.8rem;
```

```
  cursor: pointer;
```

```
}
```

```
#mobileMenu a .mIcon {
```

```
  color: var(--brand-color);
```

```
}
```

```
.article {
```

```
    gap: 0.4rem;

}

.article p {

    font-size: 1rem;

}

.article h2 {

    font-size: 1.2rem;

}

#fullArticle {

    flex-direction: column;

}

}

/*  Below 1140px */

@media screen and (width < 1140px) {

    .card h2 {

        font-size: 1rem;

    }

    #linkContainer {
```

```
display: none;

}

#mobileMenu {

display: flex;

background: black;


padding: 1rem;

position: relative;

height: 20px;

}

}

/*  Below 992px */

@media screen and (width < 992px) {

#brand {

font-size: 5rem;

}

.articleSec {

max-height: 200px;

}

}
```

```
#main-content {  
  
  padding: 1rem;  
  
  width: 80%;  
  
  display: grid;  
  
  grid-template-columns: repeat(2, minmax(100px, 1fr));  
  
  gap: 1rem;  
  
  margin: auto;  
  
  place-items: center;  
  
}  
  
.blog-head {  
  
  justify-content: center;  
  
  background: var(--brand-color-light);  
  
  border-radius: 12px;  
  
  padding: 0.6rem;  
  
  font-size: 0.8rem;  
  
}  
  
.blog-head a {
```

```
text-decoration: none;

}

.foodParadise {

  grid-template-columns: repeat(2, minmax(100px, 1fr));

  height: auto;

}

.region {

  background: #b7b7b7;

}

#signUp,

#signupSec {

  flex-direction: column;

  align-items: center;

  height: auto;

  padding: 0.8rem;

}

#footer {

  height: auto;
```



```
}
```

```
#footerWrap {
```

```
  display: flex;
```

```
  flex-direction: column;
```

```
  gap: 0.8rem;
```

```
  justify-content: center;
```

```
  align-items: center;
```

```
}
```

```
.vAlign {
```

```
  text-align: center;
```

```
}
```

```
#linkCategory {
```


```
  overflow-x: scroll;
```

```
  scroll-behavior: smooth;
```

```
  -webkit-overflow-scrolling: touch;
```

```
  scrollbar-width: thin;
```

```
}
```

```
.moreArticles {  
  
  width: 90%;  
  
  margin: auto;  
  
  justify-content: center;  
  
  border-radius: 12px;  
  
}  
  
#fullArticle {  
  
  align-items: center;  
  
}  
  
}  
  
/*  Below 650px */  
  
@media screen and (width < 650px) {  
  
  #brand {  
  
    font-size: 4rem;  
  
  }  
  
  #main-content {  
  
    grid-template-columns: repeat(1, minmax(100px, 1fr));  
  
  }  
  
}
```

```
}
```

```
.blog {
```

```
  flex-direction: column;
```

```
  width: 100%;
```

```
}
```

```
.midSec {
```

```
  width: 100%;
```

```
  gap: 1rem;
```

```
}
```

```
.rightSec {
```

```
  width: 80%;
```

```
  text-align: center;
```

```
}
```

```
.articleSec {
```

```
  margin: auto;
```

```
  flex-direction: column;
```

```
  width: 100%;
```

```
max-height: 600px;  
}
```

```
.articleSec h2 {  
  
  font-size: 1.6rem;  
  
  text-align: center;  
}
```

```
.articleSec p {  
  
  font-size: 1.2rem;  
}
```

```
.article {  
  
  min-width: 90%;  
}
```

```
.imgSec {  
  
  width: 80%;  
  
  margin: auto;  
}
```

```
.blogImg {  
  
  width: 100%;
```

```
}
```

```
#commentSec {
```

```
  width: 90%;
```

```
}
```

```
.arrow {
```

```
  justify-content: center;
```

```
}
```

```
.readArticle {
```

```
  width: 80%;
```

```
  padding: 0.8rem;
```

```
  font-size: 1.6rem;
```

```
}
```

```
.article p {
```

```
  font-size: 1.4rem;
```

```
}
```

```
#fullArticle {
```

```
  width: 80%;
```

```
margin: auto;

align-items: center;

}

#articleContent {




width: 80%;

margin: auto;

}

}
```

## **Contact**

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