

Index.html:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Modern Web Technologies</title>

  <link rel="stylesheet" href="style.css">

</head>

<body>

  <header>

    <h1 class="oxanium-bold">Modern Web Technologies</h1>

    <nav id="main-nav">

      <ul class="nav-links michroma-regular">

        <li><a href="#home">Home</a></li>

        <li><a href="#location">Location</a></li>

        <li><a href="#feedback">Feedback</a></li>

      </ul>

      <div class="menu-toggle">&#9776;</div>

    </nav>

  </header>

  <main>

    <section id="home" class="content-section-html5">

      <h2 class="michroma-bold mb">Welcome to the Techie Blog</h2>

      <div class="content-flex">

        <article>

          <h3 class="michroma-light">Exploring the Latest in Technology</h3>

          <p>In this blog, we dive into the exciting world of technology, sharing insights on the newest gadgets, software updates, and tech trends that are shaping our future. Whether you're a beginner or a tech enthusiast, you'll find useful tips, reviews, and guides that make technology fun and easy to understand.</p>

        </article>

        <aside>
```

<h4>Key Benefits:</h4>

Saves Time

Boosts Efficiency

Reduces Costs

</aside>

</div>

</section>

<section id="location" class="content-section-location">

<h2 class="michroma-bold mb-less">Your Location</h2>

<div id="location-data">Fetching location...</div>

<button id="get-location">Get My Location</button>

<iframe width="425" height="350"

src="https://www.openstreetmap.org/export/embed.html?bbox=76.62963867187501%2C12.518368703890955%2C78.39569091796876%2C13.483118726287971&layer=mapnik" style="border: 1px solid black"></iframe>
<small>View Larger Map</small>

</section>

<section id="feedback">

<h2 class="michroma-bold mb">Feedback Form</h2>

<form id="feedback-form">

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

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

<label for="comment">Comment:</label>

<textarea id="comment" required></textarea>

<button type="submit">Submit</button>

</form>

<div id="stored-feedback"></div>

</section>

</main>

```
<footer>

  <p>Varun Singh • 2547254</p>

  <p>25 June 2025</p>

  <p>&copy; 2025 Modern Web Technologies</p>

</footer>
```

```
<script src="script.js"></script>

</body>

</html>
```

style.css

```
/* Font import */

@import url('https://fonts.googleapis.com/css2?family=Oxanium:wght@200..800&display=swap');
@import url('https://fonts.googleapis.com/css2?family=Michroma&family=Oxanium:wght@200..800&display=swap');


/* ----- oxanium font ----- */

/* Font-light */

.oxanium-light {

  font-family: "Oxanium", sans-serif;

  font-optical-sizing: auto;

  font-weight: 200;

  font-style: normal;

}


/* Font-normal */

.oxanium-normal {

  font-family: "Oxanium", sans-serif;

  font-optical-sizing: auto;

  font-weight: 400;

  font-style: normal;
```

```
}

/* Font-Bold */

.oxanium-bold {

    font-family: "Oxanium", sans-serif;

    font-optical-sizing: auto;

    font-weight: 600;

    font-style: normal;

}

/* Font-extra-bold */

.oxanium-bold {

    font-family: "Oxanium", sans-serif;

    font-optical-sizing: auto;

    font-weight: 800;

    font-style: normal;

}

/* ----- */

/* ----- oxanium font ----- */

.michroma-light {

    font-family: "Michroma", sans-serif;

    font-weight: 200;

    font-style: normal;

}

.michroma-regular {

    font-family: "Michroma", sans-serif;

    font-weight: 400;

    font-style: normal;

}

.michroma-bold {

    font-family: "Michroma", sans-serif;
```

```
font-weight: 600;

font-style: normal;
}

.michroma-extra-bold {
  font-family: "Michroma", sans-serif;
  font-weight: 800;
  font-style: normal;
}

/* ----- oxanium font ----- */


/* Reset paddings and margin */
*{
  padding: 0;
  margin: 0;
}


/* Base styles */
body {
  font-family: Arial, sans-serif;
  line-height: 1.6;
  margin: 0;
  padding: 0;
}


/* Header & Navigation */
header {
  background-color: #333;
  color: white;
  padding: 1rem;
  background-image: url(/public/nav_bg.jpeg);
```

```
h1 {  
  font-size: 42px;  
  /* border: 1px solid red; */  
  text-align: center;  
}
```

```
}
```

```
.nav-links {  
  display: flex;  
  list-style: none;  
  padding: 0;  
  margin: 0;  
}
```

```
.nav-links li {  
  margin-right: 1rem;  
}
```

```
.nav-links a {  
  color: white;  
  text-decoration: none;  
  padding: 4px;  
  border-radius: 12px;  
  background-color: #ffffff54;  
  backdrop-filter: blur(28px);  
  border: 2px solid #ffffff40;  
}
```

```
.menu-toggle {
```

```
display: none;

cursor: pointer;

font-size: 1.5rem;

padding: 4px 6px;
}
```

```
.menu-toggle:hover {

background-color: #ffffff54;

border-radius: 6px;

}
```

```
.content-section-html5 {

padding: 2rem;
```

```
aside{

background-color: #171e26;

color: #ddd;

padding-inline: 36px;

}

}
```

```
/* Flexbox layout */
```

```
.content-flex {

display: flex;

gap: 2rem;

}
```

```
article {

flex: 3;

}
```

```
aside {  
    flex: 1;  
    background: #f4f4f4;  
    padding: 1rem;  
    border-radius: 5px;  
}
```

```
/* Geolocation section */
```

```
.content-section-location {  
    color: #e9f7fe;  
    padding: 2rem;  
    background: #171e26;
```

```
    button {  
        padding: 0.5rem 1rem;  
        background: #e9f7fe;  
        color: #171e26;  
        border: none;  
        border-radius: 4px;  
        cursor: pointer;  
    }  
}
```

```
/* Form styles */
```

```
#feedback {  
    background: #f9f9f9;  
    padding: 2rem;  
    border-radius: 5px;  
    height: fit-content;  
    /* box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1); */  
}
```



```
form {  
    display: flex;  
    flex-direction: column;  
    max-width: 600px;  
    margin: 2rem auto;  
    padding: 1rem;  
    border: 1px solid #ddd;  
    border-radius: 5px;  
}
```

```
#feedback-form label {  
    margin-top: 1rem;  
}
```

```
#feedback-form input,  
#feedback-form textarea {  
    padding: 0.5rem;  
    border: 1px solid #ddd;  
    border-radius: 4px;  
}
```

```
#comment{  
    max-width: 94.5%;  
    margin-right: 1rem;  
}
```

```
#feedback-form button {  
    margin-top: 1rem;  
    padding: 0.75rem;  
    background: #333;  
    color: white;  
    border: none;
```

```
    cursor: pointer;
}
```

```
/* Footer */
```

```
footer {
    background: #333;
    color: white;
    text-align: center;
    padding: 1rem;
    margin-top: 2rem;
}
```

```
/* Responsive design */
```

```
@media (max-width: 768px) {
    header {
        height: fit-content;
        text-align: center;
    }
}
```

```
.nav-links {
    display: none;
    flex-direction: column;
    width: 100%;
}
```

```
.nav-links li {
    margin: 0.5rem 0;
}
```

```
.nav-links.active {
    display: flex;
}
```

```
}
```

```
.menu-toggle {  
  display: block;  
  position: absolute;  
  top: 1rem;  
  right: 1rem;
```

```
}
```

```
.content-flex {  
  flex-direction: column;  
}
```

```
.content-section-html5 {  
  padding: .5rem;  
}  
}
```

```
.mb {  
  margin-bottom: 8px;  
  height: 64px;  
}
```

```
.mb-less {  
  margin-bottom: 4px;  
  height: 44px;  
}
```

Script.js:

```
// Responsive navigation
```

```
const menuToggle = document.querySelector('.menu-toggle');
```

```
const navLinks = document.querySelector('.nav-links');
```

```
menuToggle.addEventListener('click', () => {
```

```
    navLinks.classList.toggle('active');
```

```
});
```

```
// Geolocation API
```

```
const locationData = document.getElementById('location-data');
```

```
const getLocationBtn = document.getElementById('get-location');
```

```
getLocationBtn.addEventListener('click', () => {
```

```
    if (navigator.geolocation) {
```

```
        navigator.geolocation.getCurrentPosition(
```

```
            position => {
```

```
                const { latitude, longitude } = position.coords;
```

```
                locationData.innerHTML = `
```

```
                    <p>Latitude: ${latitude.toFixed(6)}</p>
```

```
                    <p>Longitude: ${longitude.toFixed(6)}</p>
```

```
                `;
```

```
            },
```

```
            error => {
```

```
                locationData.textContent = `Error: ${error.message}`;
```

```
            }
```

```
        );
```

```
    } else {
```

```
        locationData.textContent = "Geolocation is not supported by your browser";
```

```
    }
```

```
});
```

```
// LocalStorage for feedback

const feedbackForm = document.getElementById('feedback-form');
const storedFeedback = document.getElementById('stored-feedback');

function loadFeedback() {
  const feedback = JSON.parse(localStorage.getItem('webFeedback')) || [];
  storedFeedback.innerHTML = feedback.map(item => `
    <div class="feedback-item">
      <strong>${item.name}</strong> ${item.comment}
    </div>
  `).join("");
}

feedbackForm.addEventListener('submit', (e) => {
  e.preventDefault();

  const name = document.getElementById('name').value;
  const comment = document.getElementById('comment').value;

  const feedback = JSON.parse(localStorage.getItem('webFeedback')) || [];
  feedback.push({ name, comment });
  localStorage.setItem('webFeedback', JSON.stringify(feedback));

  feedbackForm.reset();
  loadFeedback();
});

// Initialize
loadFeedback();
```