

## ***Front-End UI/UX Mini Project***

# **My Favorite City Blog**

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**Course:** UI/UX Design Fundamentals

**Instructor Name:** Mr. Dhiraj

**Institution:** Christ (Deemed to be University)

**Date of Submission:** 13/08/2025

# **Abstract**

This project is a visually engaging and responsive travel blog titled *"My Favorite City"*, designed to celebrate the attractions, culture, and hidden gems of New York City. The primary goal is to provide an immersive user experience that highlights the city's charm through curated content, stunning visuals, and intuitive navigation. Core technologies used include **HTML** and **CSS**, with a focus on modern design principles such as responsive layouts, custom typography, and interactive elements. The final outcome is a user-friendly website that serves as a comprehensive guide for travelers and city enthusiasts, offering valuable insights and inspiration for exploring New York City.

# **Objectives**

- **Design a user-friendly interface** using modern UI principles to enhance user experience.
- **Develop a fully responsive layout** using only HTML and CSS, ensuring compatibility across various screen sizes.
- **Implement structured HTML5 semantic elements** for better organization and SEO optimization.
- **Apply CSS styling** to establish branding, layout consistency, and responsive behavior.
- **Ensure accessibility and readability** across devices, making the website inclusive for all user

# Scope of the Project

- The project is **focused solely on front-end design**, emphasizing the visual and structural aspects of the website.
- It does not include **JavaScript or server-side integration**, ensuring simplicity and reliance on core web technologies.
- The design is tailored for **desktop, tablet, and mobile viewports**, providing a seamless experience across all devices.
- The development process utilized **only open-source tools and pure code**, avoiding external libraries or frameworks to maintain full control over the codebase.

# Tools and Technology used

Tool/Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling and layout management
VS Code	Code editor
Chrome DevTools	Testing and debugging

# HTML Structure Overview

## Semantic Tags Used

- **<header>**: Contains the logo and navigation menu for easy access.
  - **<nav>**: Groups navigation links for better usability and accessibility.
  - **<main>**: Wraps the primary content of the page, ensuring focus on the main sections.
  - **<section>**: Divides content into meaningful blocks like "Hero" and "Hidden Gems."
  - **<footer>**: Includes the "About," social links, and newsletter subscription.
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## Reusable Sections

- **About**: Introduces the blog and its purpose, located in the footer.
  - **Projects**: Highlights attractions in the "Hidden Gems" section with cards for each location.
  - **Contact**: Features a newsletter subscription form for updates.
- 

## Navigation Menu

- Built with `<ul>` and `<a>` tags for structure and smooth scrolling.
- Responsive design with a hamburger menu for smaller screens.
- Accessibility ensured with ARIA labels and semantic tags.

# CSS Styling Strategy

**External CSS File:** All styles are in `style.css` for clean and maintainable code.

- **Organized with Comments:** Grouped styles for easy navigation.

## Techniques Used

- **Flexbox & Grid:** For layouts like navigation and "Hidden Gems."
- **Media Queries:** Ensure responsiveness across devices.
- **CSS Variables:** For consistent theming (e.g., `--bg`, `--accent`).
- **Hover Effects:** Smooth transitions for interactivity.

- **Mobile-First Design:** Optimized for mobile, scaling up for larger screens.
- This approach ensures a responsive and user-friendly design.

## Key Features:

Feature	How your code achieves it
Responsive Design	Adapts seamlessly to all screen sizes using media queries and flexible layouts.
Smooth Navigation	Fixed top navigation with a hamburger menu for smaller screens.
Project Cards (Menu)	Grid-based layout with hover effects for interactivity.
Contact Form (non-functional)	Placeholder form with input fields and a styled submit button in the footer.
Accessible Fonts & Colors	High contrast theme with readable typography using custom fonts and variables.

## Challenges Faced and Solutions

Challenge	Solution (based on your code)
Overlapping elements on small screens	Used media queries in <code>style.css</code> to stack and adjust elements for smaller viewports.
Difficulty aligning items using float	Replaced floats with Flexbox and Grid for better alignment and layout control. Replaced floats with Flexbox and Grid for better alignment and layout

	control.
Typography scaling issue	Replaced floats with Flexbox and Grid for better alignment and layout control.

## Outcome

- **Clean, Consistent, and Engaging Design:** The project achieved a polished and visually appealing front-end layout, ensuring a seamless user experience across all devices.
- **Fully Functional Components:** All key elements, such as the navigation menu, hero section, project cards, and footer, function as intended using only HTML and CSS, without relying on JavaScript or external libraries.
- **Responsive and Accessible:** The layout adapts perfectly to various screen sizes, maintaining readability and usability, while adhering to accessibility standards.
- **In-Depth Learning:** The project provided valuable insights into layout responsiveness, UI hierarchy, semantic HTML, and the effective use of CSS techniques like Flexbox, Grid, and media queries.Future Enhancements

# **Future Enhancements**

## **Add JavaScript for Interactivity**

1. Add features like form validation to ensure proper inputs and dynamic content updates for a smoother user experience.

## **Integrate Animations or Transitions**

2. Use CSS or JavaScript to create hover effects, smooth transitions, and engaging animations for visual appeal.

## **Backend Integration for Form Submission**

3. Contact inquiries and newsletter sign-ups. This can involve setting up APIs, a database, or using third-party services to collect and manage user data securely.

## **Theme Toggler (Light/Dark Mode)**

4. Implement a light/dark mode switch using CSS variables and JavaScript, saving user preferences for consistency.

# Sample Code :

## Index

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>My Favorite City – Home</title>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700" rel="stylesheet" />
  <link rel="stylesheet" href="css/style.css" />
  <meta name="description" content="A travel blog celebrating the attractions,
</head>
<body>

<header class="site-header">
  <a class="logo" href="index.html" aria-label="Home">My Favorite City</a>
  <input id="nav-toggle" type="checkbox" aria-label="Toggle navigation">
  <label for="nav-toggle" class="hamburger" aria-hidden="true">≡</label>
  <nav class="nav">
    <a href="index.html">Home</a>
    <a href="attractions.html">Attractions</a>
    <a href="culture.html">Culture</a>
    <a href="gallery.html">Gallery</a>
    <a href="contact.html">Contact</a>
  </nav>
</header>

  <main>
    <section class="hero" role="banner" aria-label="City hero">
      <div class="hero-inner">
        <h1>My Favorite City</h1>
        <p>Sunrise walks, bustling markets, and stories on every street.</p>
        <a class="btn btn-primary" href="attractions.html">Explore Top Spots</a>
      </div>
    </section>

    <section class="New York City" aria-labelledby="featured-heading">
      <h2 id="Featured-heading">New York City</h2>
```



## Attractions

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>My Favorite City – Attractions</title>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700" rel="stylesheet" />
  <link rel="stylesheet" href="css/style.css" />
</head>
<body>

<header class="site-header">
  <a class="logo" href="index.html" aria-label="Home">My Favorite City</a>
  <input id="nav-toggle" type="checkbox" aria-label="Toggle navigation">
  <label for="nav-toggle" class="hamburger" aria-hidden="true">≡</label>
  <nav class="nav">
    <a href="index.html">Home</a>
    <a href="attractions.html">Attractions</a>
    <a href="culture.html">Culture</a>
    <a href="gallery.html">Gallery</a>
    <a href="contact.html">Contact</a>
  </nav>
</header>

<main class="page">
  <header class="page-header">
    <h1>Top Attractions</h1>
    <p>Must-see places with a mix of icons and local favorites.</p>
  </header>
  <section class="filters" aria-label="Filters">
    <button class="chip" aria-pressed="false">Historic</button>
    <button class="chip" aria-pressed="false">Nature</button>
    <button class="chip" aria-pressed="false">Food</button>
    <button class="chip" aria-pressed="false">Markets</button>
  </section>
```

## Culture

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>My Favorite City – Culture</title>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700" rel="stylesheet" />
  <link rel="stylesheet" href="css/style.css" />
</head>
<body>

<header class="site-header">
  <a class="logo" href="index.html" aria-label="Home">My Favorite City</a>
  <input id="nav-toggle" type="checkbox" aria-label="Toggle navigation">
  <label for="nav-toggle" class="hamburger" aria-hidden="true">☰</label>
  <nav class="nav">
    <a href="index.html">Home</a>
    <a href="attractions.html">Attractions</a>
    <a href="culture.html">Culture</a>
    <a href="gallery.html">Gallery</a>
    <a href="contact.html">Contact</a>
  </nav>
</header>

<main class="page">
  <header class="page-header">
    <h1>Culture & Food</h1>
    <p>Festivals, flavors, and everyday rituals that shape the New York City experience</p>
  </header>

  <article class="prose">
    <h2>Festival Calendar</h2>
    <p>From the dazzling Times Square New Year's Eve Ball Drop to summer street fairs, the city is always celebrating. Check out the top events happening this season.</p>
    <h2>Local Dishes</h2>
    <p>Sample iconic bites from street carts to fine dining—each telling a story of the city's diverse culinary heritage.</p>
  </article>
</main>
</body>
</html>
```

## Gallery

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>My Favorite City – Gallery</title>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700" rel="stylesheet" />
  <link rel="stylesheet" href="css/style.css" />
</head>
<body>

<header class="site-header">
  <a class="logo" href="index.html" aria-label="Home">My Favorite City</a>
  <input id="nav-toggle" type="checkbox" aria-label="Toggle navigation">
  <label for="nav-toggle" class="hamburger" aria-hidden="true">≡</label>
  <nav class="nav">
    <a href="index.html">Home</a>
    <a href="attractions.html">Attractions</a>
    <a href="culture.html">Culture</a>
    <a href="gallery.html">Gallery</a>
    <a href="contact.html">Contact</a>
  </nav>
</header>

<main class="page">
  <header class="page-header">
    <h1>Photo Gallery</h1>
    <p>A mosaic of moments—architecture, food, and fleeting light.</p>
  </header>
  <section class="gallery-grid" aria-label="Image gallery">
    <figure><figcaption></figcaption></figure>
  </section>
</main>

<footer class="site-footer">
  <div class="container">
    <div class="row">
      <div class="col">
        <p>© 2024 My Favorite City. All rights reserved.</p>
      </div>
      <div class="col">
        <p>Contact: 123-456-7890 | Email: info@mycity.com</p>
      </div>
    </div>
  </div>
</footer>
```

## Contact

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>My Favorite City – Contact</title>
  <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700" />
  <link rel="stylesheet" href="css/style.css" />
</head>
<body>

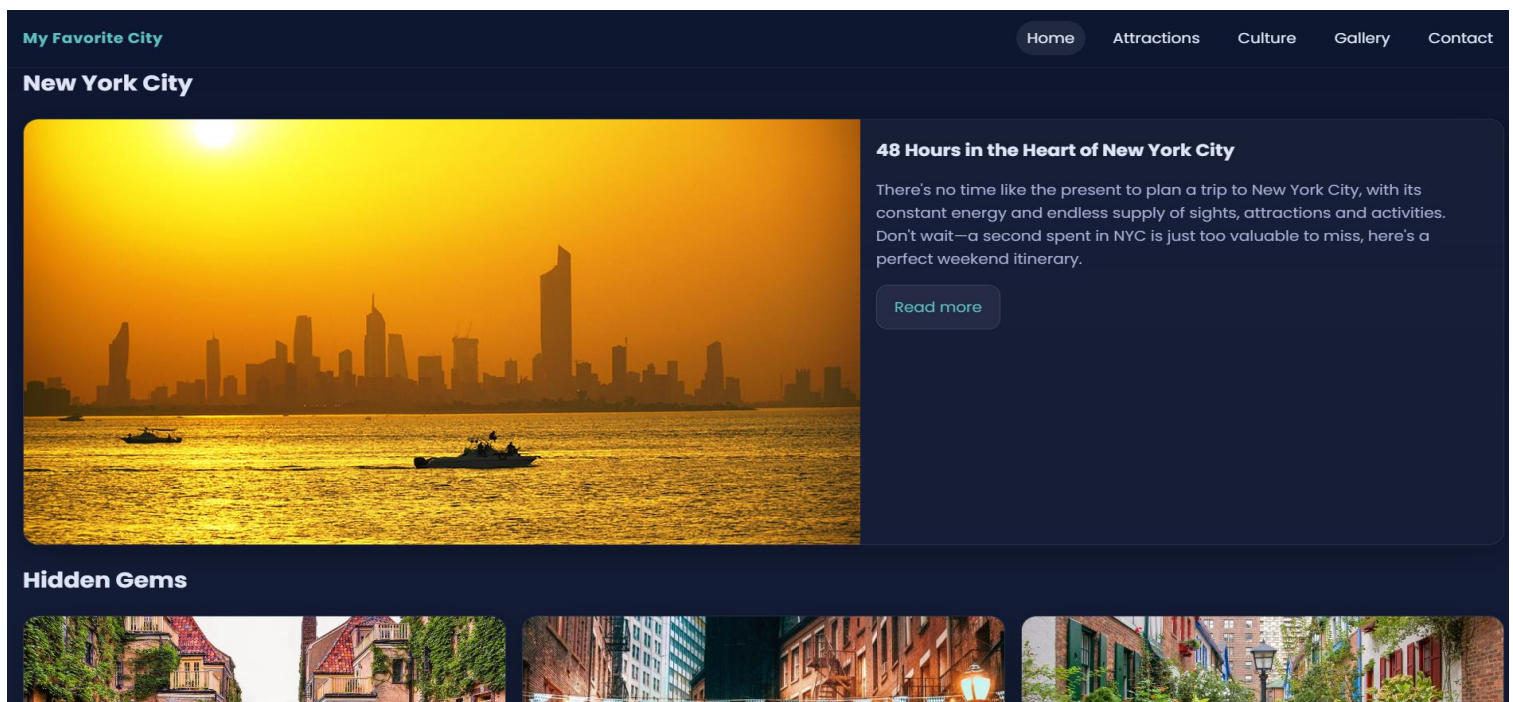
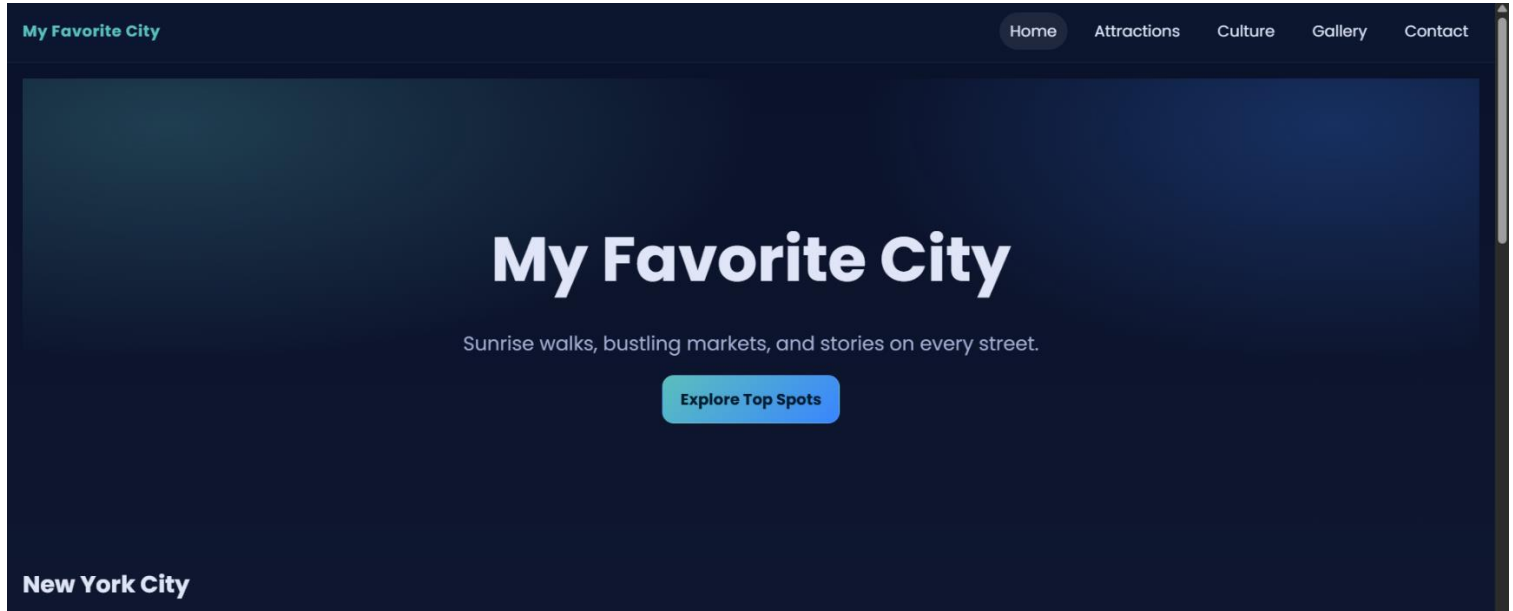
<header class="site-header">
  <a class="logo" href="index.html" aria-label="Home">My Favorite City</a>
  <input id="nav-toggle" type="checkbox" aria-label="Toggle navigation">
  <label for="nav-toggle" class="hamburger" aria-hidden="true">≡</label>
  <nav class="nav">
    <a href="index.html">Home</a>
    <a href="attractions.html">Attractions</a>
    <a href="culture.html">Culture</a>
    <a href="gallery.html">Gallery</a>
    <a href="contact.html">Contact</a>
  </nav>
</header>

<main class="page">
  <header class="page-header">
    <h1>Contact</h1>
    <p>Questions, tips, or collaboration ideas? Send a note.</p>
  </header>

  <form class="contact-form" action="#" method="post">
    <label for="name">Name</label>
    <input id="name" name="name" type="text" required>

    <label for="email">Email</label>
```

## Screenshots of Final Output:





My Favorite City


Home

Attractions

Culture

Gallery


Contact



Forest Hills Gardens, Queens

A picturesque neighborhood built in 1910 that mimics an English village with Tudor-style homes and a charming town center—truly feels like a slice of the UK tucked into NYC .


Discover



Stone Street, Financial District

A historic cobblestone street dating back to 1658, offering a beautiful, European-feel enclave lined with outdoor cafes and street-side dining .


Discover



Chinese Scholars Garden, Snug Harbor (Staten Island)


A serene, elegant Chinese garden nestled within Snug Harbor's cultural complex—unexpected tranquility amid NYC's bustle .

Discover




Old City Hall Subway Station

A disused early-20th-century subway station beneath City Hall with stunning Guastavino-tiled vaults and Romanesque-Revival architecture, now a beautiful ghost of the past .



Sniffen Court Historic District

These close-up, atmospheric shots bring to life the narrow, cobblestone lane flanked by historic red-brick carriage houses—once stables, now private homes steeped in charm, complete with sculptural touches



Elizabeth Street Garden

Tucked between the brick facades of Nolita, this one-acre sculptural garden is an intimate, art-filled sanctuary. Winding gravel paths lead past salvaged architectural elements, statues, wrought-iron seating,

My Favorite City

Home

Attractions

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Top Attractions


Must-see places with a mix of icons and local favorites.

Historic

Nature

Food


Markets



Statue of Liberty

A symbol of freedom and America's warm welcome, standing tall on Liberty Island.


View on Map



The Vessel at Hudson Yards

A striking honeycomb-like climbing structure offering unique city views.


View on Map





Times Square

The electric heart of NYC, buzzing with neon lights, theaters, and nonstop energy.

View on Map

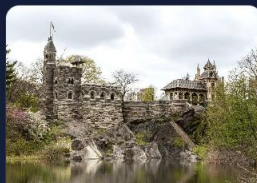






## Photo Gallery

A mosaic of moments—architecture, food, and fleeting light.



## Culture & Food

Festivals, flavors, and everyday rituals that shape the New York City's soul.

### Festival Calendar

From the dazzling Times Square New Year's Eve Ball Drop to summer street parades and winter holiday markets, NYC celebrates year-round.

### Local Dishes

Sample iconic bites from street carts to fine dining—each telling a story of the city's cultural melting pot.

- New York-Style Pizza — thin, foldable, and bursting with flavor.
- Bagels with Lox — a breakfast classic with cream cheese and smoked salmon.
- New York Cheesecake — rich, creamy, and unforgettable.

### Neighborhood Markets

Explore Union Square Greenmarket, Smorgasburg, and countless street fairs—meeting local artisans, tasting global flavors, and uncovering unique finds.

**My Favorite City**

HomeAttractionsCultureGalleryContact

## Contact

Questions, tips, or collaboration ideas? Send a note.

Name

Email

Subject

Message

Send Message

## Conclusion

This project is a personal portfolio website that effectively showcases my skills, projects, résumé, and a contact form in a clean, organized, and visually engaging manner. Built solely with HTML and CSS, it demonstrates my ability to structure content semantically and style it with a clear, user-friendly layout.

Through this mini project, We strengthened my front-end development skills, gaining hands-on experience in responsive design, layout structuring, and UI aesthetics. The process enhanced my understanding of how design principles and accessibility considerations contribute to a user-centric web experience. By focusing on a mobile-friendly, visually consistent interface without relying on JavaScript or frameworks, I learned how powerful pure HTML and CSS can be in delivering a professional-quality website.

## References

- L&T LMS : <https://learn.Intedutech.com/Landing/MyCourse>
- <https://www.w3schools.com/css/default.asp>
- <https://www.w3schools.com//default.asp>



