

## Front-End UI/UX Mini Project

- **Project Title:** *Responsive Portfolio Website Detailing Our Favourite City Information.*
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- **Course:** *UI/UX Design Fundamentals*
- **Instructor Name:** Ms. Nagaveena
- **Institution:** *Christ University*
- **Date of Submission:** *25/09/2025*
- **Published Output:** <https://joel-dsilva.github.io/My-Favourite-City/navigation.html>

### **2. Abstract**

This project presents an interactive web-based exploration of **Udaipur**, often referred to as the "City of Lakes." Built using HTML and CSS, the website offers users an immersive experience into the city's rich heritage, architectural marvels, and vibrant culture. The navigation page serves as the central hub, guiding visitors through various sections:



- **Home:** An introduction to Udaipur's historical significance and scenic beauty.
- **Attractions:** Detailed insights into iconic landmarks such as the City Palace, Lake Pichola, and Jag Mandir.
- **Culture:** An overview of Udaipur's traditional arts, festivals, and local crafts.
- **Gallery:** A curated collection of images showcasing the city's landscapes and architectural wonders.
- **Contact:** Information for visitors seeking further details or planning a trip.

Through this project, users can virtually traverse Udaipur, gaining an appreciation for its timeless charm and cultural richness.

### 3. Objectives

- Design a user-friendly interface using modern UI principles
- Develop a fully responsive layout using only HTML and CSS
- Implement structured HTML5 semantic elements
- Apply CSS styling for branding, layout, and responsive behavior
- Ensure accessibility and readability across devices

### 4. Scope of the Project

- Focused on front-end design only
- Inclusion of JavaScript and server-side integration
- Intended for desktop, tablet, and mobile viewports
- Used only open-source tools and pure code (no libraries)

### 5. Tools & Technologies Used

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

## 6. HTML Structure Overview

- Used semantic tags: <header>, <nav>, <main>, <section>, <footer>
- Structured into reusable sections: About, Projects, Contact
- Navigation menu using <ul> and anchor links for smooth scrolling

## 7. CSS Styling Strategy

- Used external CSS file (style.css)
- Organized with comments and sections
- Techniques used:
  - Flexbox and Grid for layout
  - Media Queries for responsiveness
  - CSS Variables for theme customization
  - Hover effects and transitions
  - Mobile-first design approach

## 8. Key Features

Feature	Description
<b>Responsive Design</b>	Adapts seamlessly to all screen sizes
<b>Smooth Navigation</b>	Fixed top nav with anchor links
<b>Project Cards</b>	Flex-based layout with hover effects
<b>Contact Form (non-functional)</b>	Placeholder layout for inputs and button
<b>Accessible Fonts &amp; Colors</b>	High contrast and readable typography

## 9. Challenges Faced & Solutions

Challenge	Solution
<b>Overlapping elements on small screens</b>	Used media queries to stack elements
<b>Difficulty aligning items using float</b>	Shifted to Flexbox and Grid
<b>Typography scaling issue</b>	Used relative units (em/rem) instead of px

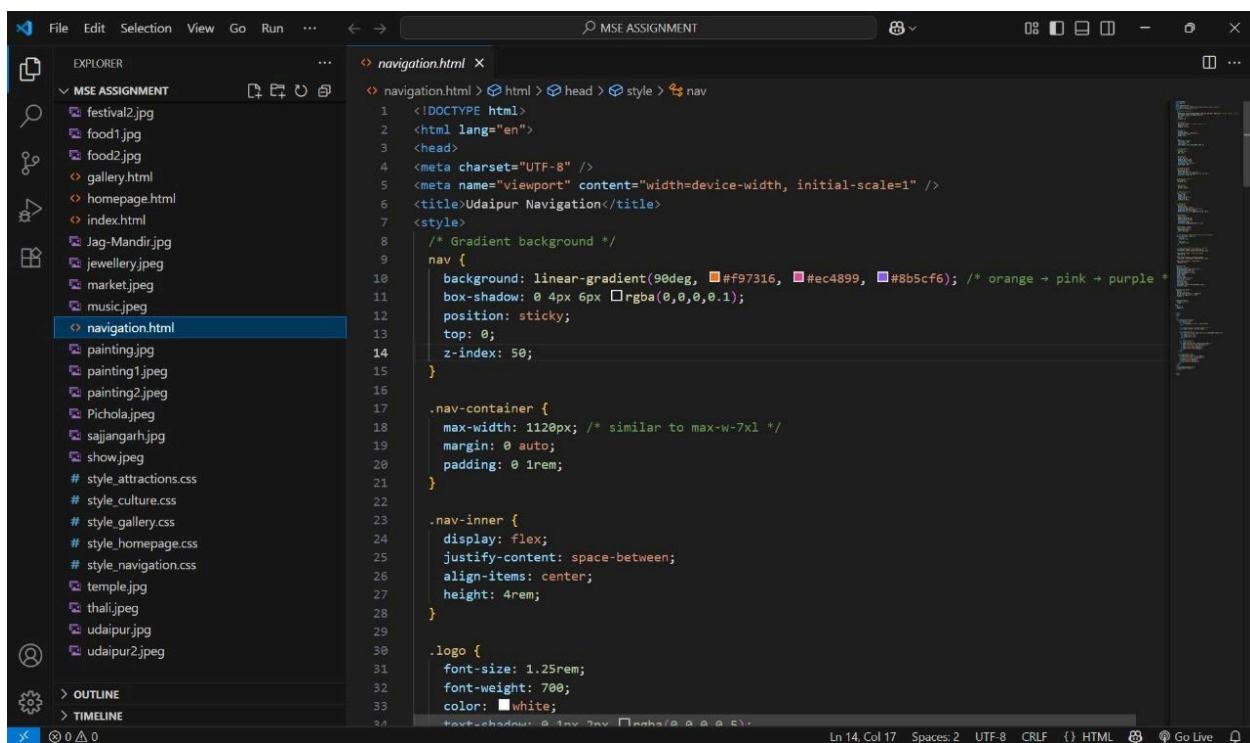
## 10. Outcome

- Achieved a clean, consistent, and visually engaging front-end layout
- All key components function as intended using just HTML and CSS
- Learned about layout responsiveness and UI hierarchy in depth

## 11. Future Enhancements

- Add JavaScript for interactivity (form validation, dynamic content)
- Integrate animations or transitions
- Backend integration for form submission
- Theme toggler (light/dark mode)

## 12. Sample Code



```

File Edit Selection View Go Run ... ← → ⌂ MSE ASSIGNMENT ⌂ navigation.html
EXPLORER MSE ASSIGNMENT navigation.html > html > head > style > nav
festival2.jpg
food1.jpg
food2.jpg
gallery.html
homepage.html
index.html
Jag-Mandir.jpg
jewellery.jpeg
market.jpeg
music.jpeg
navigation.html
painting.jpg
painting1.jpeg
painting2.jpeg
Pichola.jpeg
sajjangarh.jpg
show.jpeg
# style_attractions.css
# style_culture.css
# style_gallery.css
# style_homepage.css
# style_navigation.css
temple.jpg
thali.jpeg
udaipur.jpg
udaipur2.jpeg
Ln 14, Col 17 Spaces: 2 UTF-8 CRLF {} HTML ⌂ Go Live ⌂

```

The screenshot shows the Microsoft Edge DevTools interface. The left sidebar has an 'EXPLORER' tab open, showing a file tree for 'MSE ASSIGNMENT'. The 'navigation.html' file is selected. The main area displays the HTML structure and the corresponding CSS code for the navigation bar. The CSS includes a gradient background for the nav element, a sticky position, and a max-width of 1120px for the .nav-container. It also defines a .nav-inner class with flex display and space-between justify-content, and a .logo class with a font size of 1.25rem, bold weight, and white color.

**MSE ASSIGNMENT**

```

File Edit Selection View Go Run ... < > MSE ASSIGNMENT ⌂ ...
```

EXPLORER

- MSE ASSIGNMENT
  - festival2.jpg
  - food1.jpg
  - food2.jpg
  - gallery.html
  - homepage.html
  - index.html
  - Jag-Mandir.jpg
  - jewellery.jpeg
  - market.jpeg
  - music.jpeg
  - navigation.html
  - painting.jpg
  - painting1.jpeg
  - painting2.jpeg
  - Pichola.jpeg
  - sajjangarh.jpg
  - show.jpeg
  - # style\_attractions.css
  - # style\_culture.css
  - # style\_gallery.css
  - # style\_homepage.css
  - # style\_navigation.css
  - temple.jpg
  - thali.jpeg
  - udaipur.jpg
  - udaipur2.jpeg

OUTLINE

TIMELINE

navigation.html

```

< navigation.html >
  < html lang="en" >
    < head >
      < style >
        .logo {
          font-size: 1.25rem;
          font-weight: 700;
          color: #white;
          text-shadow: 0 1px 2px rgba(0,0,0,.5);
        }
        /* Desktop menu */
        .nav-links {
          display: flex;
          gap: 1rem;
        }
        .nav-links a {
          color: #white;
          padding: 0.5rem 1rem;
          border-radius: 0.5rem;
          text-decoration: none;
          transition: all 0.3s ease;
          font-weight: 600;
        }
        .nav-links a.active,
        .nav-links a:hover {
          background: #white;
          color: #7c3aed; /* purple-700 */
          box-shadow: 0 2px 6px rgba(124, 58, 237, 0.5);
          transform: scale(1.05);
        }
      </ style >
    < /head >
    < body >
      < section.favorite-city >
```

In 14, Col 17 Spaces: 2 UTF-8 CRLF {} HTML ⌂ Go Live

navigation.html

```

< navigation.html >
  < html lang="en" >
    < head >
      < style >
        .mobile-menu a.active,
        .mobile-menu a:hover {
          background: #white;
          color: #7c3aed;
        }
        /* Show hamburger & hide desktop menu on small screens */
        @media (max-width: 767px) {
          .nav-links {
            display: none;
          }
          .menu-icon {
            display: block;
          }
        }
        /* Toggle mobile menu when checkbox is checked */
        #menu-toggle:checked + .menu-icon .bar1 {
          transform: rotate(-45deg) translate(-5px, 6px);
        }
        #menu-toggle:checked + .menu-icon .bar2 {
          opacity: 0;
        }
        #menu-toggle:checked + .menu-icon .bar3 {
          transform: rotate(45deg) translate(-5px, -6px);
        }
        #menu-toggle:checked ~ .mobile-menu {
          display: flex;
        }
      </ style >
    < /head >
    < body >
```

In 204, Col 32 Spaces: 2 UTF-8 CRLF {} HTML ⌂ Go Live

File Edit Selection View Go Run ... ← → MSE ASSIGNMENT

EXPLORER

- MSE ASSIGNMENT
  - attractions.html
  - citypalace.jpeg
  - citypalace2.jpeg
  - contacts.html
  - culture.html
  - FatehSagar.jpeg
  - festival1.jpg
  - festival2.jpg
  - food1.jpg
  - food2.jpg
  - gallery.html
  - homepage.html
  - Jag-Mandir.jpg
  - jewellery.jpeg
  - market.jpeg
  - music.jpeg
  - painting.html
  - painting.jpg
  - painting1.jpeg
  - painting2.jpeg
  - Pichola.jpeg
  - sajjangarh.jpg
  - show.jpg
  - temple.jpg
  - thali.jpeg
  - udaipur.jpg
  - udaipur2.jpeg

OUTLINE

TIMELINE

navigation.html

```

<html lang="en">
  <head>
    <style>
      .favorite-city {
        position: relative;
        background-image: url('udaipur.jpg');
        background-size: 100% auto;
        background-position: center;
        background-repeat: no-repeat;
        height: 100vh;
        width: 100vw;
        display: flex;
        justify-content: center;
        align-items: center;
        color: white;
        font-size: 4rem;
        font-weight: 700;
        text-shadow: 3px 3px 10px rgba(0,0,0,0.8);
        overflow: hidden;
      }
      .favorite-city::before {
        content: "";
        position: absolute;
        top: 0; left: 0; right: 0; bottom: 0;
        background: rgba(0, 0, 0, 0.3);
        z-index: 0;
      }
      .favorite-city h1 {
        position: relative;
        z-index: 1;
      }
    </style>
  </head>
  <body>
    <nav>
      <div class="nav-container">
        <div class="nav-inner">
          <div class="logo">
            <strong>Udaipur</strong> - City of Lakes
          </div>
          <!-- Hidden checkbox for toggling mobile menu -->
          <input type="checkbox" id="menu-toggle" />
          <!-- Hamburger icon -->
          <label for="menu-toggle" class="menu-icon" aria-label="Toggle menu">
            <div class="bar1"></div>
            <div class="bar2"></div>
            <div class="bar3"></div>
          </label>
          <!-- Desktop links -->
          <div class="nav-links">
            <a href="homepage.html" class="active">Home</a>
            <a href="attractions.html">Attractions</a>
            <a href="culture.html">Culture</a>
            <a href="festival.html">Festivals</a>
            <a href="food.html">Food</a>
            <a href="jewellery.html">Jewellery</a>
            <a href="market.html">Market</a>
            <a href="music.html">Music</a>
            <a href="painting.html">Paintings</a>
            <a href="temple.html">Temples</a>
            <a href="thali.html">Thali</a>
            <a href="show.html">Shows</a>
            <a href="citypalace.html">City Palace</a>
            <a href="citypalace2.html">City Palace 2</a>
            <a href="FatehSagar.html">Fateh Sagar</a>
            <a href="sajjangarh.html">Sajjangarh</a>
            <a href="Pichola.html">Pichola Lake</a>
            <a href="Jag-Mandir.html">Jag Mandir</a>
            <a href="udaipur.html">Udaipur</a>
            <a href="udaipur2.html">Udaipur 2</a>
          </div>
        </div>
      </div>
    </nav>
  </body>
</html>

```

In 204, Col 32 Spaces: 2 UTF-8 CRLF {} HTML Go Live

File Edit Selection View Go Run ... ← → MSE ASSIGNMENT

EXPLORER

- MSE ASSIGNMENT
  - attractions.html
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  - festival1.jpg
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  - market.jpeg
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  - Pichola.jpeg
  - sajjangarh.jpg
  - show.jpg
  - temple.jpg
  - thali.jpeg
  - udaipur.jpg
  - udaipur2.jpeg

OUTLINE

TIMELINE

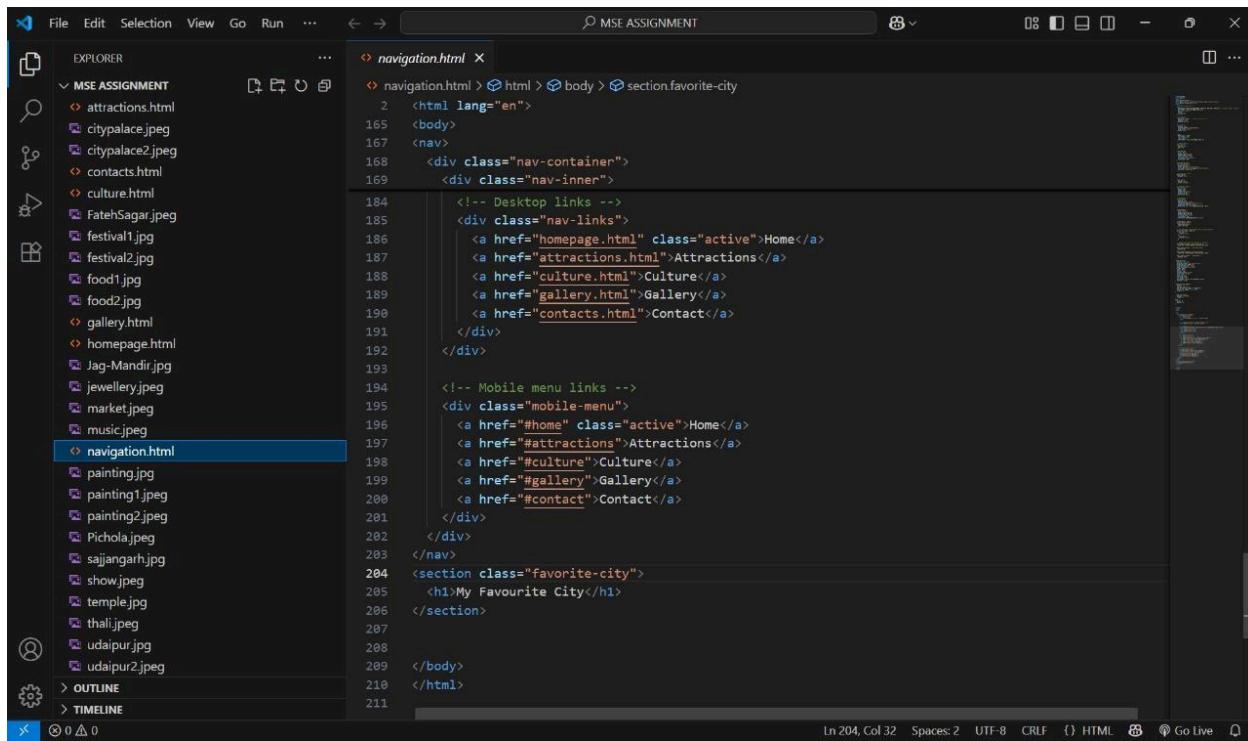
navigation.html

```

<html lang="en">
  <head>
    <style>
      body {
        margin: 0;
        padding: 0;
      }
      </style>
    </head>
    <body>
      <nav>
        <div class="nav-container">
          <div class="nav-inner">
            <div class="logo">
              <strong>Udaipur</strong> - City of Lakes
            </div>
            <!-- Hidden checkbox for toggling mobile menu -->
            <input type="checkbox" id="menu-toggle" />
            <!-- Hamburger icon -->
            <label for="menu-toggle" class="menu-icon" aria-label="Toggle menu">
              <div class="bar1"></div>
              <div class="bar2"></div>
              <div class="bar3"></div>
            </label>
            <!-- Desktop links -->
            <div class="nav-links">
              <a href="homepage.html" class="active">Home</a>
              <a href="attractions.html">Attractions</a>
              <a href="culture.html">Culture</a>
              <a href="festival.html">Festivals</a>
              <a href="food.html">Food</a>
              <a href="jewellery.html">Jewellery</a>
              <a href="market.html">Market</a>
              <a href="music.html">Music</a>
              <a href="painting.html">Paintings</a>
              <a href="temple.html">Temples</a>
              <a href="thali.html">Thali</a>
              <a href="show.html">Shows</a>
              <a href="citypalace.html">City Palace</a>
              <a href="citypalace2.html">City Palace 2</a>
              <a href="FatehSagar.html">Fateh Sagar</a>
              <a href="sajjangarh.html">Sajjangarh</a>
              <a href="Pichola.html">Pichola Lake</a>
              <a href="Jag-Mandir.html">Jag Mandir</a>
              <a href="udaipur.html">Udaipur</a>
              <a href="udaipur2.html">Udaipur 2</a>
            </div>
          </div>
        </div>
      </nav>
    </body>
</html>

```

In 204, Col 32 Spaces: 2 UTF-8 CRLF {} HTML Go Live



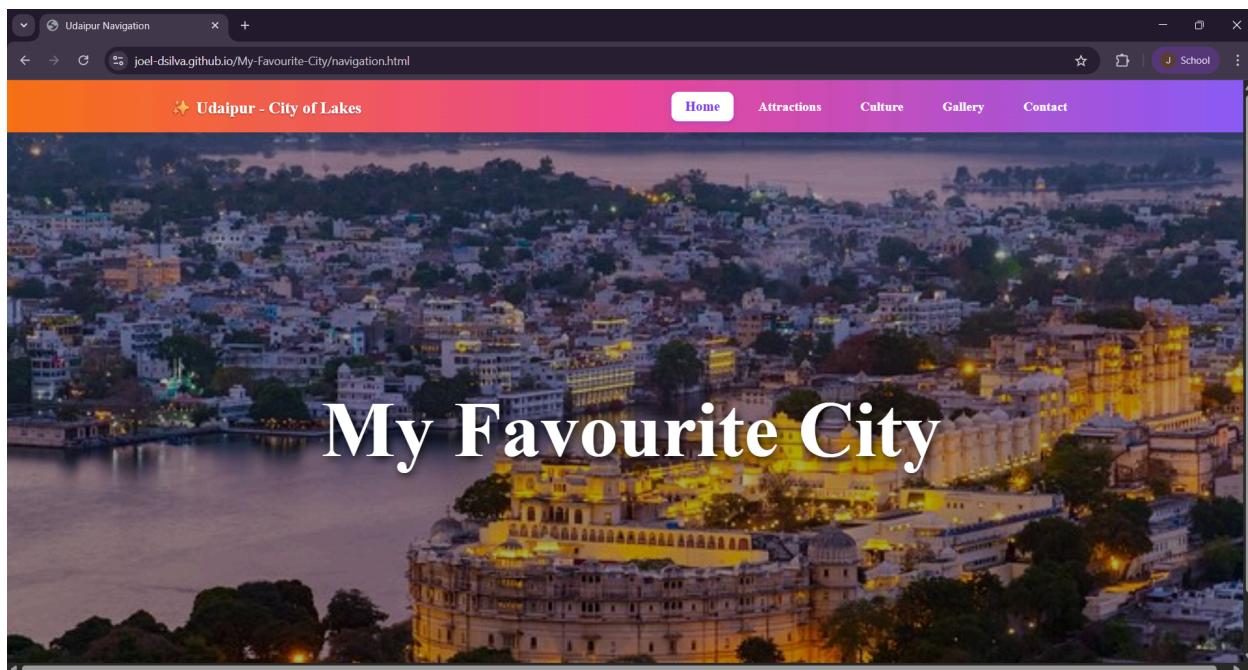
```

<html lang="en">
  <body>
    <nav>
      <div class="nav-container">
        <div class="nav-inner">
          <!-- Desktop links -->
          <div class="nav-links">
            <a href="homepage.html" class="active">Home</a>
            <a href="attractions.html">Attractions</a>
            <a href="culture.html">Culture</a>
            <a href="gallery.html">Gallery</a>
            <a href="contacts.html">Contact</a>
          </div>
        </div>
        <!-- Mobile menu links -->
        <div class="mobile-menu">
          <a href="#home" class="active">Home</a>
          <a href="#attractions">Attractions</a>
          <a href="#culture">Culture</a>
          <a href="#gallery">Gallery</a>
          <a href="#contact">Contact</a>
        </div>
      </div>
    </nav>
    <section class="favorite-city">
      <h1>My Favourite City</h1>
    </section>
  </body>
</html>

```

### 13. Screenshots of Final Output

Home:



## Attractions:

Royal Attractions of Udaipur

joel-dsilva.github.io/My-Favourite-City/attractions.html

# Royal Attractions of Udaipur

Discover the magnificent palaces, serene lakes, and ancient temples that make Udaipur the jewel of Rajasthan. Each attraction tells a story of royal grandeur and timeless beauty.



### City Palace Complex 4.9

If there's one place that captures the grandeur of Udaipur, it's the City Palace Complex. Towering over Lake Pichola, this is Rajasthan's largest palace complex—and trust me, it's a jaw-dropping masterpiece that took over 400 years to complete!

Built by 22 rulers of the Mewar dynasty, the palace is an enchanting blend of Rajasthani, Mughal, Medieval, and even Chinese architectural influences. Walking through its grand halls feels like stepping back into royal history.

📍 City Palace Road, Old City	⌚ 3-4 hours (And you'll wish you had more!)
₹300 Indians, ₹600 Foreigners	📅 Oct - Mar – pleasant weather and picture-perfect skies

**Must-See Highlights:**

Peacock Courtyard | Crystal Gallery | Vintage Car Collection

Royal Attractions of Udaipur

joel-dsilva.github.io/My-Favourite-City/attractions.html

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### Lake Pichola 4.8

If Udaipur is the City of Lakes, then Lake Pichola is its most dazzling crown jewel. Stretching gracefully under the golden Rajasthani sun, this 14th-century man-made lake is framed by palaces, temples, and serene bathing ghats. Every ripple here carries centuries of stories.

The real magic? A boat ride at sunset. As the sun dips behind the Aravalli hills, the water glows in shades of amber and gold, reflecting the majestic silhouettes of the City Palace and distant temples. It's one of those moments you'll want to pause and live in forever.

📍 Near City Palace	⌚ 1-2 hours
₹400-600 per boat ride	📅 All year

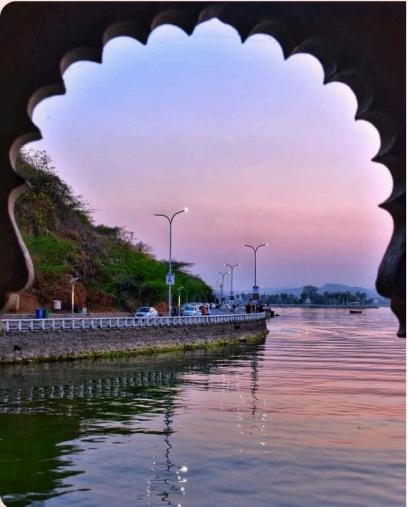
**Must-See Highlights:**

Jog Mandir | Lake Palace | Sunset Views

**Insider Tip:** Go for an evening boat ride during golden hour. It's a photographer's paradise, with the light making the entire lake look like liquid gold.

Royal Attractions of Udaipur    +

joel-dsilva.github.io/My-favourite-City/attractions.html



### Fateh Sagar Lake 4.7

If Lake Pichola is Udaipur's glamorous star, Fateh Sagar Lake is its serene poet. Nestled north of Lake Pichola and framed by the gentle Aravalli hills, this tranquil lake is perfect for slowing down and soaking in the beauty of Rajasthan's "City of Lakes."

A leisurely boat ride here is pure bliss—especially when you drift past the Nehru Garden, a charming island garden with fountains and lush greenery. Add in the cool breeze and reflections dancing on the water, and you've got a picture-perfect moment.

📍 North of Lake Pichola ⌚ 1-2 hours  
₹ 200–300 boat rides 📅 Oct - Feb

**Must-See Highlights:**

Nehru Garden, Water Sports, Evening Stroll

**Insider Tip:** Time your visit for sunset. The cooler breeze, golden reflections, and softly lit hills create a magical scene you'll want to photograph—and remember.

Royal Attractions of Udaipur    +

joel-dsilva.github.io/My-favourite-City/attractions.html



📍 Near City Palace ⌚ 30–45 mins  
⚠️ Free Entry 📅 All year

**Must-See Highlights:**

Stone Carvings, Elephant Sculptures, Daily Aarti

**Insider Tip:** Visit during the morning aarti for a truly peaceful experience and fewer crowds—it's the perfect moment to soak in the temple's spiritual energy.

### Planning Your Visit

**Getting Around**

Auto-rickshaws, taxis, and rental bikes are readily available. Many attractions are walkable in the old city.

**Combo Tickets**

Consider buying combo tickets for City Palace and museums. Many hotels offer boat ride packages.

**Photography**

Golden hour (sunrise/sunset) offers the best light. Some palaces charge extra for camera usage.

My favorite City    Home    Attractions    Culture    Gallery    Contact

## Culture:

 Cultural Heritage of Udaipur 

Immerse yourself in the rich tapestry of Mewar culture – from ancient art forms and soul-stirring music to royal traditions and vibrant festivals that have been celebrated for centuries.

### ♥ Living Traditions



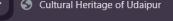
Mewar School of Miniature Painting  
Udaipur's miniature paintings are among India's finest art forms, known for their intricate detail and vibrant colors. Crafted with ultra-fine brushes, these artworks depict royal life, mythology, and nature. Artists often spend years mastering the craft, with skills passed down through generations—making each piece a timeless treasure

Fun Fact: Some Udaipur miniature paintings are so detailed that artists use a single



Traditional Rajasthani Folk Music  
Udaipur's rich musical heritage comes alive through the soulful performances of the Manganiyas and Langas. Their folk songs, steeped in history, weave tales of love, valor, and devotion. Evening shows at the City Palace and heritage hotels let visitors immerse themselves in this living tradition

Fun Fact: In traditional Rajasthani folk music, singers often perform without written lyrics

 Cultural Heritage of Udaipur 

### ● Traditional Crafts & Arts



Pichwai Paintings  
Intricate devotional paintings depicting Lord Krishna



Miniature Paintings  
Detailed artwork on paper, silk, and ivory



Silver Jewelry  
Traditional Rajasthani silver ornaments and artifacts

### 🍴 Royal Cuisine & Local Flavors



Dal Baati Churma



Laal Maas

Cultural Heritage of Udaipur

joel-dsilva.github.io/My-Favourite-City/culture.html

(dal) and sweet, crumbled wheat (churma). Originally created as a warrior's food, it was designed to stay fresh during long desert journeys—making it as practical as it is delicious.

**Story:** Fun Fact: 🍲 Dal Baati Churma was once cooked by burying the wheat balls in hot sand, letting the desert heat bake them naturally!

Rajasthan's royal kitchens. 🍷 Originally crafted for royal hunters, its bold flavors and deep heat reflect the rugged spirit of the land.

**Story:** Fun Fact: 🔥 The dish's rich red color comes from mathania chillies, prized for their vibrant hue and smoky flavor rather than overwhelming heat.

## Vibrant Festivals & Celebrations



Udaipur Winter Festival  
5-15th December

This festival celebrates the cool winter season with vibrant cultural programs, traditional music and dance, food fairs, and craft exhibitions. It's a great way to experience local Rajasthani culture in a festive, lively atmosphere during the pleasant winter days.



Shilpgram Crafts Festival  
December 21-30

This annual crafts fair transforms Udaipur's rural arts complex, Shilpgram, into a vibrant cultural hub. Artisans from across India showcase handwoven textiles, pottery, paintings, and jewelry, while folk dancers and musicians bring the open-air stages to life.

Cultural Heritage of Udaipur

joel-dsilva.github.io/My-Favourite-City/culture.html



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Folk Performances

Evening shows at City Palace and heritage hotels with traditional dance and music.



Craft Shopping

Visit Hathi Pol Bazaar and Bada Bazaar for handicrafts and paintings.



Food Tours

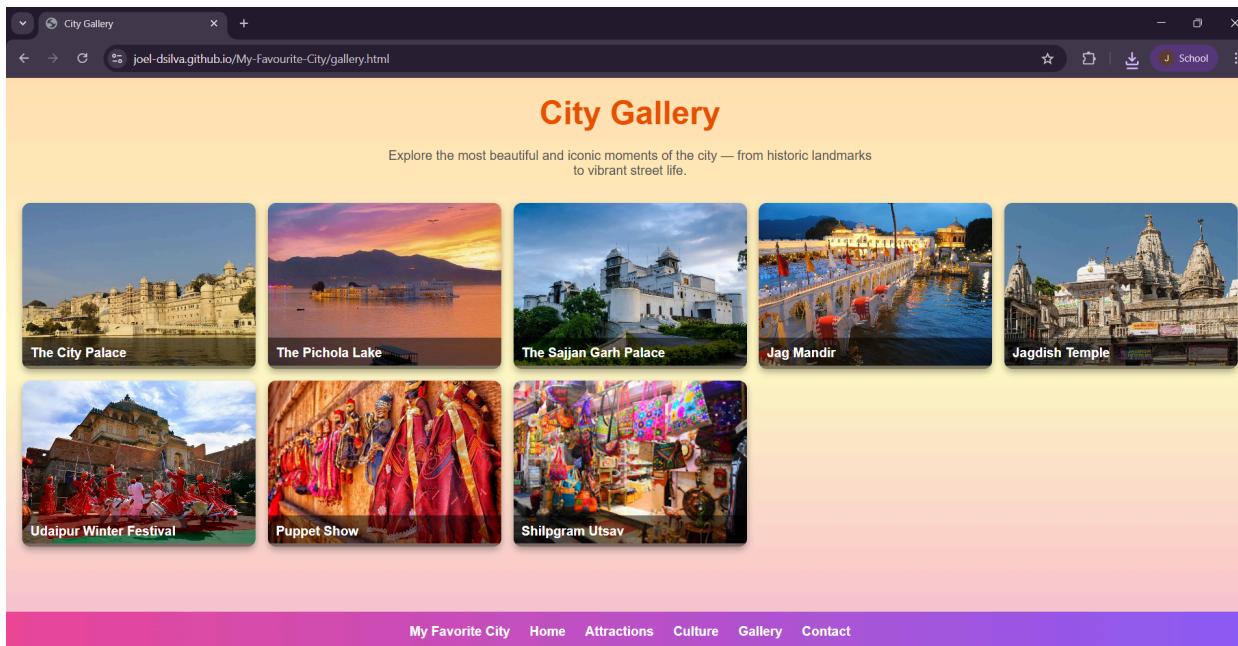
Guided walks to taste authentic street food and learn cooking traditions.



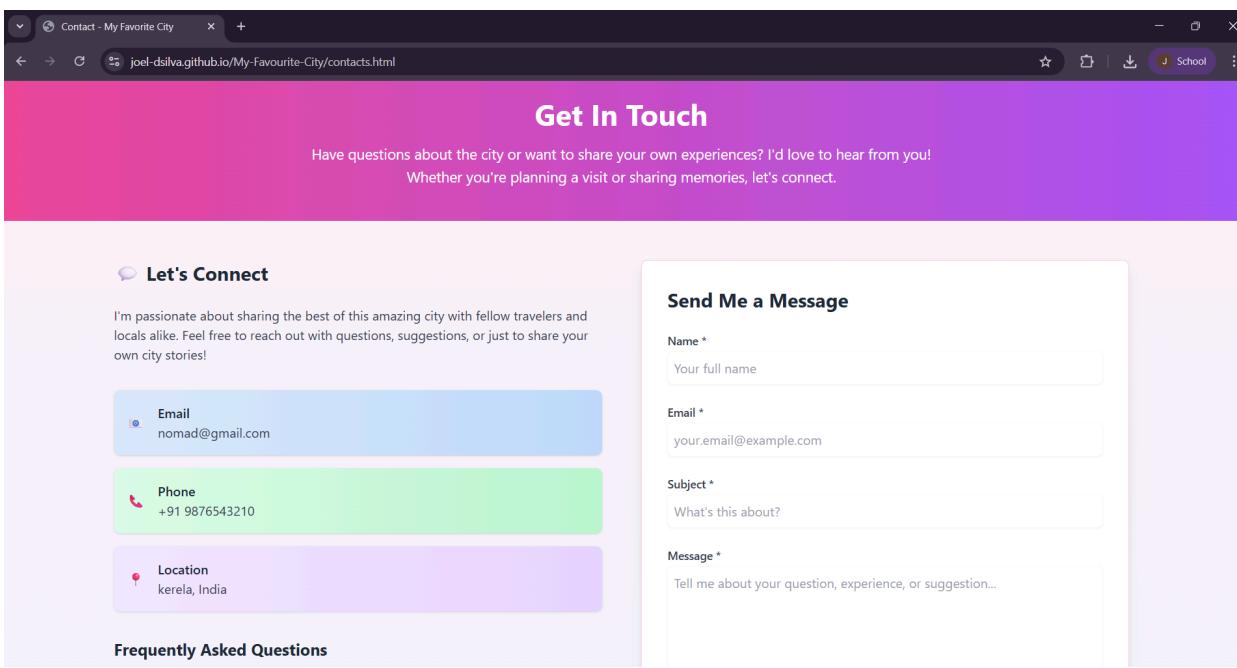
Heritage Stays

Stay in converted palaces and havelis with traditional architecture.

## Gallery:



## Contact:



The screenshot shows a web browser window titled "Contact - My Favorite City". The page has a pink header with the title "Get In Touch" and a subtext: "Have questions about the city or want to share your own experiences? I'd love to hear from you! Whether you're planning a visit or sharing memories, let's connect."

Below the header is a section titled "Let's Connect" with three contact options:

- Email: nomad@gmail.com
- Phone: +91 9876543210
- Location: kerela, India

To the right is a large "Send Me a Message" form with fields for Name, Email, Subject, and Message, each with a required asterisk (\*).

At the bottom left is a "Frequently Asked Questions" section.

## 11. Conclusion

This is a personal portfolio website showcases the user's skills, projects, resume, and contact form. This mini project helped us strengthen our front-end development skills using only HTML and CSS. We gained practical insights into responsive design, layout structuring, and user interface aesthetics. The hands-on implementation of design principles also enhanced our understanding of user-centric web design.

## 12. References

- L&T LMS : <https://learn.lntedutech.com/Landing/MyCourse>