

# Front-End UI/UX Mini Project

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## Project Submission Document

### Tech Conference Event Landing Page

**Submitted By:**

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**Course:** UI/UX Design Fundamentals

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**Institution:** Christ University Kengeri

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### Abstract

This project involves designing and developing a clean, responsive single-page event information site for a fictional one-day tech conference using only HTML and CSS. The site includes a sticky navigation bar, an event agenda, speaker profiles, ticket details, and branding elements. Built with a mobile-first approach, the layout ensures readability, aesthetic appeal, and smooth navigation across devices. This project helped me refine my skills in semantic HTML structuring, responsive design, and creating user-friendly layouts purely through CSS.

### Objectives

- Design a clear, modern event page using UI/UX best practices
- Build a fully responsive layout with HTML and CSS
- Structure content using semantic HTML for accessibility and clarity
- Enable easy navigation via sticky nav and section anchors
- Showcase event details: agenda, speakers, tickets in a visual format

## Scope of the Project

- Core focus on front-end design only
- No JavaScript or backend functionality
- Designed for desktop, tablet, and mobile viewports
- Created with pure HTML and CSS only, no libraries or frameworks

## Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling, layout, responsiveness
VS Code	Code editing environment
Chrome DevTools	Testing layout and debugging

## HTML Structure Overview

- Employed semantic tags: <header>, <nav>, <section>, <main>, <footer>
- Sections include: Hero/intro, Agenda, Speakers, Tickets, etc.
- Sticky navigation enabled quick access to key sections with anchors

## 7. CSS Styling Strategy

- Used external stylesheet (style.css)
- Organized via comments or section-based grouping
- Layout built using Flexbox and/or Grid
- Mobile-first responsive design with media queries
- Visual enhancements: hover effects, transitions, branding through fonts or colors

## 8. Key Features

Feature	Description
Responsive Design	Layout adapts seamlessly across devices
Sticky Navigation and countdown	Persistent top nav for quick section access and countdown till date of event
Agenda Section	Clear, structured event schedule display
Speaker Profiles	Organized display of speaker info with visuals
Ticket Details	Informative layout for pricing, types, and call-to-action
Aesthetic Branding	Clean typography, spacing, and visual consistency throughout design

## Challenges Faced & Solutions

Challenge	Solution
Maintaining sticky nav across devices	Used CSS position: sticky and tested across viewports
Structuring speaker and agenda sections	Organized layout using Grid/Flex and semantic markup
Ensuring visual hierarchy and spacing	Used consistent typography scales and spacing techniques

## Outcome

- Produced a modern, clean, and user-friendly event page using only HTML and CSS
- All essential components—navigation, agenda, speakers, tickets—work effectively across devices
- Gained experience in UI layout, responsiveness, and content structuring without JavaScript

## Future Enhancements

- Add JavaScript for interactive features (e.g., “Buy Ticket” page)
- Implement a fully functional ticket form with backend support
- Add a theme switcher (light/dark mode) for improved UX

## 12. Sample Code

```

5 index.html > ⚡ html > ⚡ body > ⚡ section.hero-image
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>NeoTech Horizons 2025</title>
7
8      <!-- Fonts -->
9      <link rel="preconnect" href="https://fonts.googleapis.com">
10     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
11     <link href="https://fonts.googleapis.com/css2?family=IBM+Plex+Serif:wght@400;600;700&family=Source+Serif+4:wght@400;500;600;700&display=swap" rel="stylesheet">
12
13     <!-- Styles -->
14     <link rel="stylesheet" href="style.css">
15 </head>
16 <body>
17
18     <!-- Sticky Header -->
19     <header class="sticky-header">
20         <div class="logo">NeoTech Horizons 2025</div>
21         <nav>
22             <a href="#about">About</a>
23             <a href="#speakers">Speakers</a>
24             <a href="#agenda">Agenda</a>
25             <a href="#tickets">Tickets</a>
26             <a href="#venue">Venue</a>
27         </nav>
28         <div class="countdown" id="countdown"></div>
29     </header>
30
31     <!-- Hero Image -->
32     <section class="hero-image">
33         
34         <div class="overlay-text">Shaping Tomorrow, Today</div>
35     </section>
36
37     <!-- Hero Info -->
38     <section class="hero-section" id="about">
39         <h1>NeoTech Horizons 2025</h1>
40         <h2>November 14, 2025 • Bangalore International Center, Domlur, Bangalore, India</h2>
41         <p>A future-focused technology summit bringing together innovators, engineers, researchers, and entrepreneurs to explore breakthroughs in AI, quantum computing, sustainable tec</p>
42     </section>
43
44     <!-- Speakers -->
45     <section class="speakers" id="speakers">
46         <h2>Keynote Speakers</h2>
47         <div class="speaker-grid">
48             <div class="speaker-card">
49                 
50                 <h3>Mike Krieger</h3>
51                 <p>Co-founder of Instagram, UX Designer, and Engineer with insights into building innovative platforms.</p>
52             </div>
53             <div class="speaker-card">
54                 
55                 <h3>Padmasree Warrior</h3>
56                 <p>Former CTO of Motorola & Cisco, award-winning technologist, and advocate for women in STEM.</p>
57             </div>
58             <div class="speaker-card">
59                 
60                 <h3>Martha Lane Fox</h3>
61                 <p>Co-founder of Lastminute.com, UK Digital Champion, and influential leader in digital transformation.</p>
62             </div>
63         </div>
64     </section>

```

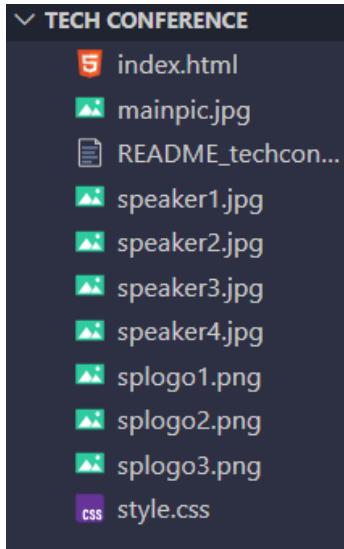
Html file code sample

```

css style.css > ⚑ .sticky-header
1 body {
2     margin: 0;
3     font-family: "Source Serif 4", serif;
4     background-color: #F1FEC;
5     color: #333446;
6 }
7
8 h1, h2, h3 {
9     font-family: "IBM Plex Serif", serif;
10}
11
12 .sticky-header {
13     position: sticky;
14     top: 0;
15     background-color: #333446;
16     color: #F1FEC;
17     display: flex;
18     justify-content: space-between;
19     align-items: center;
20     padding: 1rem 2rem;
21     z-index: 1000;
22 }
23
24 .sticky-header nav a {
25     color: #F1FEC;
26     text-decoration: none;
27     margin: 0 10px;
28 }
29
30 .sticky-header nav a:hover {
31     text-decoration: underline;
32 }
33
34 .countdown {
35     font-weight: bold;
36 }
37
38 .hero-image {
39     position: relative;
40 }
41
42 .hero-image img {
43     width: 100%;
44     height: 700px;
45     object-fit: cover;
46 }
47
48 .overlay-text {
49     position: absolute;
50     bottom: 20px;
51     left: 20px;
52     font-size: 2.5rem;
53     background: rgba(51, 52, 70, 0.7);
54     color: #F1FEC;
55     padding: 10px 20px;
56 }
57
58 .hero-section {
59     text-align: center;
60     padding: 2rem;
61     max-width: 800px;
62     margin: auto;
63 }
64

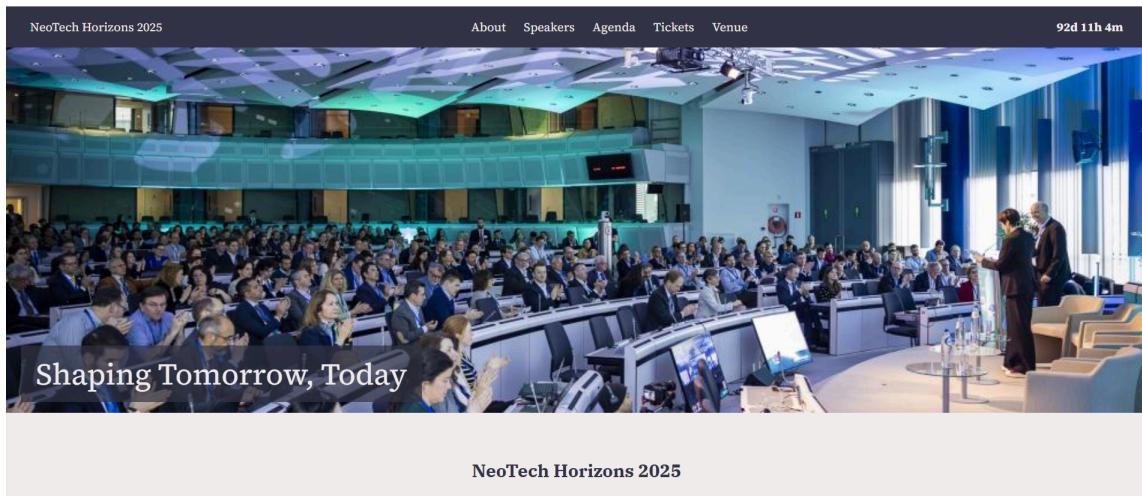
```

Css code sample

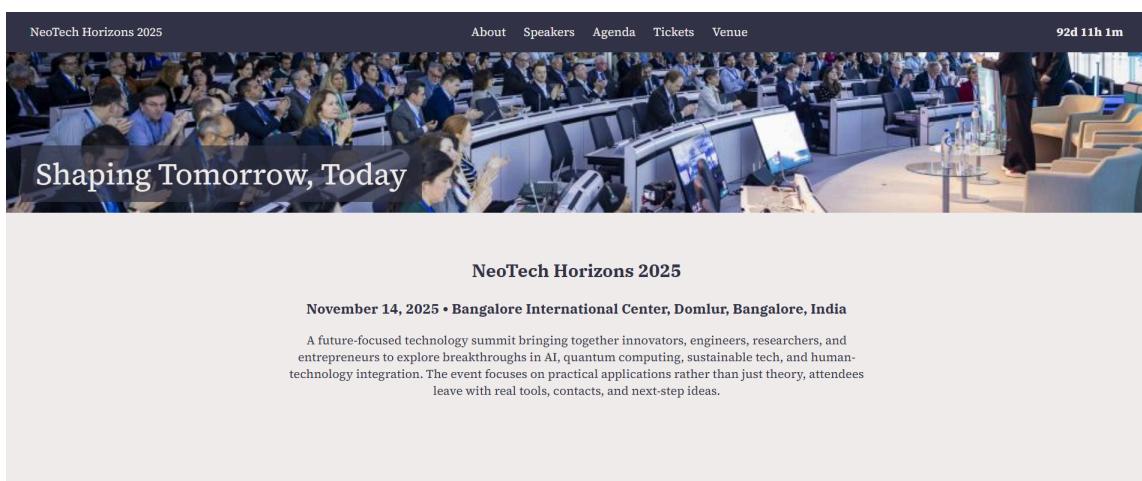


Files in project folder

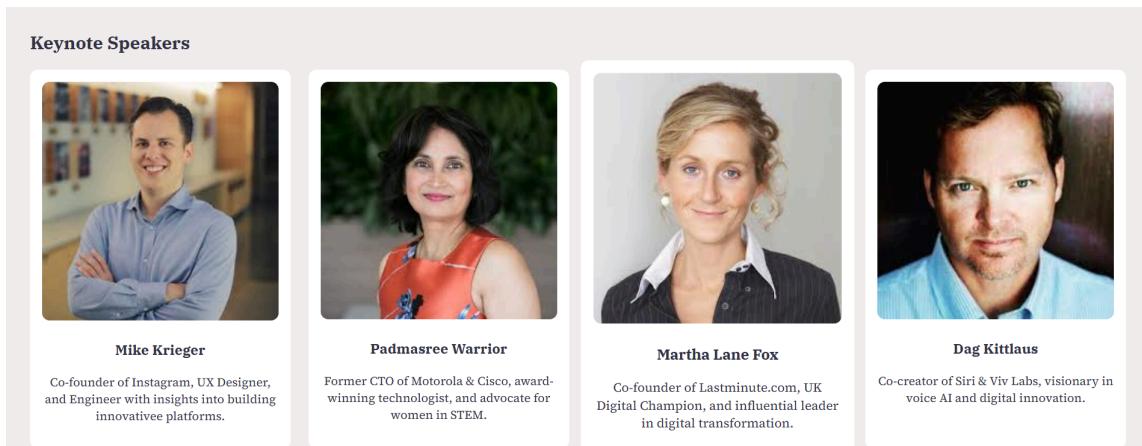
## 13. Screenshots of Final Output



The screenshot shows the homepage of the NeoTech Horizons 2025 website. At the top, there's a navigation bar with links for "About", "Speakers", "Agenda", "Tickets", and "Venue". A timer in the top right corner shows "92d 11h 4m". The main image is a wide-angle shot of a large conference room filled with attendees seated at long tables, looking towards a stage where a speaker is standing. A banner across the middle of the image reads "Shaping Tomorrow, Today". Below the image, the event details are listed: "NeoTech Horizons 2025" and "November 14, 2025 • Bangalore International Center, Domlur, Bangalore, India".



This screenshot is identical to the one above it, showing the homepage of the NeoTech Horizons 2025 website. It features the same navigation bar, timer, main image of the conference room, banner, and event details.



The screenshot shows the "Keynote Speakers" section of the website. It features four cards, each containing a portrait photo and the name of a speaker along with a brief bio. The speakers are:

- Mike Krieger**: Co-founder of Instagram, UX Designer, and Engineer with insights into building innovative platforms.
- Padmasree Warrior**: Former CTO of Motorola & Cisco, award-winning technologist, and advocate for women in STEM.
- Martha Lane Fox**: Co-founder of Lastminute.com, UK Digital Champion, and influential leader in digital transformation.
- Dag Kittlaus**: Co-creator of Siri & Viv Labs, visionary in voice AI and digital innovation.

## Event Agenda

A power-packed day bringing together visionary leaders from technology, entrepreneurship, and product design to share how emerging tech is reshaping industries, societies, and the way we live.

08:30 – 09:30 Registration & Networking Breakfast

09:30 – 09:45 Welcome Address

09:45 – 10:30 Keynote 1: "Designing the Future" – Mike Krieger

10:30 – 11:15 Keynote 2: "Tech, Leadership & Reinvention" – Padmasree Warrior

## Tickets

### Early Bird Pass

₹1800

Access to all keynote sessions, panel discussion, networking breaks, welcome kit & digital pack.

[Register Now](#)

### Standard Pass

₹2500

All Early Bird benefits + reserved seating in keynote hall.

[Register Now](#)

### VIP Pass

₹3500

Priority seating, VIP networking lunch with speakers, signed booklet & photo opportunity.

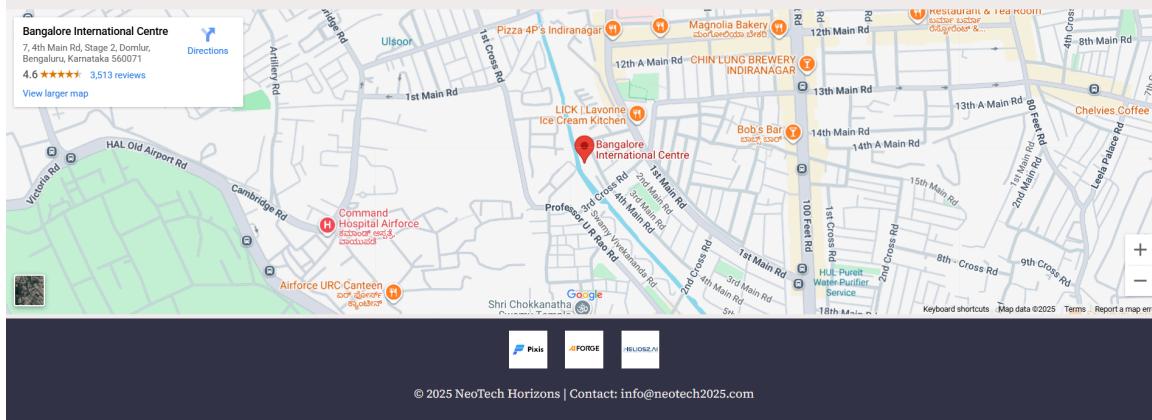
[Register Now](#)

### Student Pass

₹1500

Full access + student networking session, welcome kit (No VIP privileges).

[Register Now](#)



## 14. Conclusion

This Tech Conference Event Page project helped deepen my skills in responsive front-end design using HTML and CSS. We learned how to structure clean, accessible layouts with semantic markup, while creating compelling visuals and a smooth user experience. The project strengthened our understanding of UI principles and responsive design techniques.

## 15. References

GitHub repository: <https://github.com/plshwethauma/Tech-Conference-Event-Page>