

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

**Project Title:**

## **2. Travel Blog Template:**

Build a template for a travel blog homepage that displays recent posts, travel categories, and blogger information.

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**Course:** *UI/UX Design Fundamentals*

**Instructor Name:** *Mr.Dhiraj Atlate*

**Institution:** *Christ University*

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## **2 . Travel Blog Template**

### **Project Overview:**

Build a template for a travel blog homepage that displays recent posts, travel categories, and blogger information.

### **Project Summary**

This project involves designing and developing a responsive travel blog homepage template focused on storytelling and content updates. The primary goal is to create an intuitive, visually appealing blog layout that showcases recent travel posts, featured content, and blogger information while supporting readability and accessibility. Core technologies used include HTML5 and CSS3, emphasizing mobile-first design principles and modular layouts employing CSS Grid and Flexbox. The final outcome is a reusable blog homepage template that organizes content into cards and sidebars with natural color themes and scalable typography, making it useful for travel bloggers to present their stories and categories effectively across all devices.

### **Objectives**

- Design a user-friendly travel blog homepage using modern UI and storytelling principles.
- Implement a mobile-first responsive layout with CSS Grid and Flexbox.
- Organize content into reusable card components and sidebar sections.
- Use semantic HTML5 elements for clarity and accessibility.
- Apply CSS styling with relative units (em, %) for scalable typography and layout.
- Integrate a sidebar featuring blogger bio and category listings for easy navigation.

### **Scope of the Project**

- Focus limited to front-end template design only; no JavaScript or backend functionality included.
- Covers desktop, tablet, and mobile screen sizes using responsive, flexible layouts.
- Uses pure HTML and CSS coding without external libraries or frameworks.
- Includes main homepage sections: header, featured post, recent posts grid, sidebar, and footer.

### **Tools & Technologies Used**

Tool/Technology	Purpose
HTML5	Markup and semantic content structuring
CSS	Styling, layout management, responsiveness
VS Code	Code editing
Chrome Dev Tools	Debugging and responsive testing

### HTML Structure Overview

- Employed semantic tags: <header>, <nav>, <main>, <section>, <aside>, <footer> for clear content hierarchy.
- Structured sections include Header (logo, nav), Featured Post (hero with image/text), Recent Posts (6-card grid), Sidebar (bio + categories), Footer (Instagram thumbnails + newsletter).
- Navigation menu created with <ul> and <a> elements for clarity and accessibility.

### CSS Styling Strategy

- External stylesheet (style.css) with well-commented, organized sections.
- Used CSS Grid for content grids (posts) and Flexbox for sidebar and navigation layouts.
- Mobile-first design incorporating media queries for adapting layouts on larger screens.
- Defined CSS variables for natural colour palette (green, blue, brown).
- Utilized relative units (em, %) for scalable typography and spacing.
- Added hover effects and smooth transitions on cards and links.

### Key Features

Feature	Description
Mobile-First Responsive Design	Seamlessly adapts to different device sizes
Featured Post Hero	Large engaging post with image, title, excerpt
Post Cards Grid	Grid layout with consistent, reusable card styles
Sidebar Content	Blogger bio and categories for quick access
Footer Elements	Instagram feed thumbnails and newsletter signup
Accessibility	Semantic HTML and readable fonts/colours

### Challenges Faced & Solutions

Challenge	Solution
Overlapping elements on small screens	Applied media queries to stack/resize elements nicely
Aligning sidebar and main content	Replaced floats with CSS Grid and Flexbox
Scaling typography properly	Switched from fixed px units to em and %

### Outcome

Successfully built a clean, visually consistent travel blog homepage prototype using pure HTML and CSS. The template is fully responsive, presents content clearly, and uses modular components for easy reuse. The project deepened my understanding of responsive layouts, CSS Grid/Flexbox, and semantic HTML structure.

### Future Enhancements

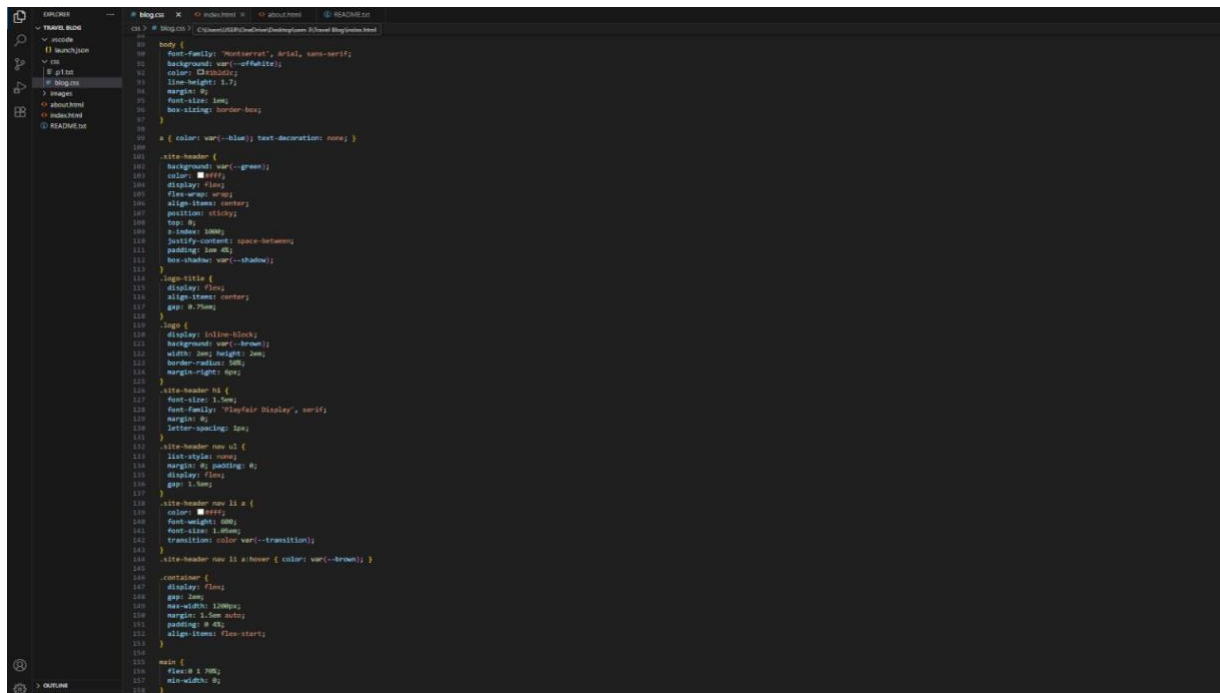
- Add JavaScript for interactive features, like dynamic content loading and form validation.
- Integrate CSS animations for smoother transitions on cards and sidebar elements.
- Connect backend services to handle newsletter subscriptions and dynamic posts.
- Implement a theme toggle for light and dark modes.

## Sample Code

```

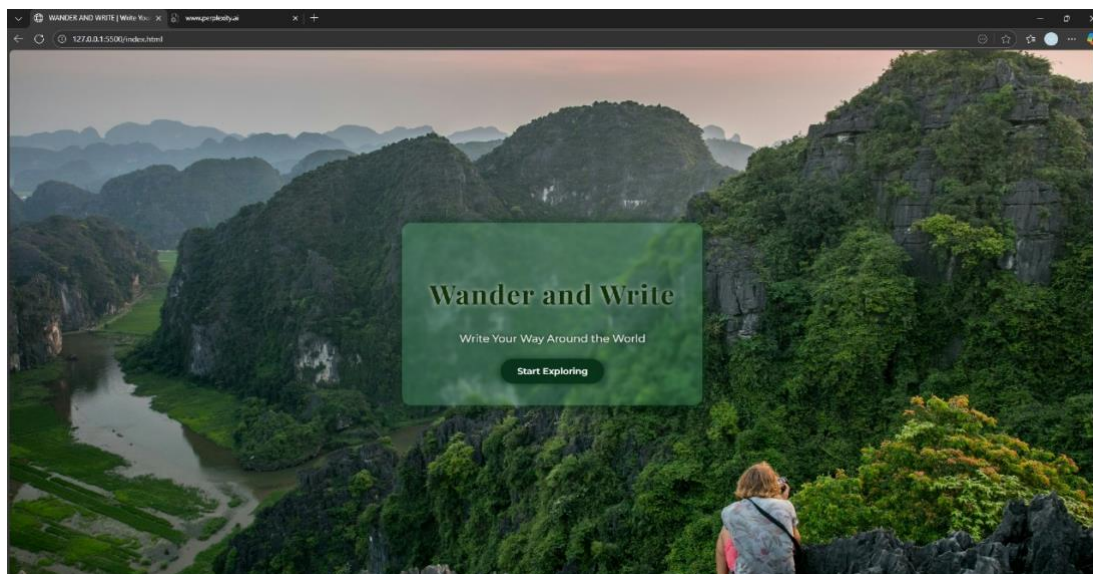
1  @media (min-width: 768px) {
2    /* hero section colours */
3    --hero-bg-color: #007a7a, 150, 150, 0.38; /* transparent green */
4    --hero-text-color: red;
5    --hero-subtext-color: darkgreen;
6    --hero-glow-color: #007a7a, 150, 150, 0.9;
7  }
8  root {
9    --blue: #007a7a;
10   --green: darkgreen;
11   --brown: #808080;
12   --offwhite: #f0f0f0;
13   --shadow: 0 5px 15px #007a7a, 150, 150, 0.8;
14   --transition: 0.2s cubic-bezier(0.25, 1.01, 0.52, 1);
15 }
16 /* Background Image */
17 body {
18   font-family: 'Montserrat', Arial, sans-serif;
19   color: darkgreen;
20   line-height: 1.7;
21   margin: 0;
22 }
23 body::before {
24   content: "";
25   position: fixed;
26   inset: 0;
27   background: url("../images/hero.jpg") center/cover no-repeat;
28   filter: brightness(0.5);
29   z-index: -1;
30 }
31 /* Main nav styles */
32 .main-nav {
33   list-style: none;
34   margin: 0; padding: 0;
35   display: flex;
36   gap: 1.5em;
37 }
38 .main-nav li { position: relative; }
39 .main-nav a {
40   color: red;
41   font-weight: bold;
42   font-size: 1.05em;
43   padding: 0.5em;
44   display: block;
45   transition: background 0.3s, color 0.3s;
46 }
47 .main-nav a:hover {
48   background: #007a7a, 150, 150, 0.7;
49   border-radius: 5px;
50 }
51 /* Dropdown menu */
52 .has-dropdown .dropdown {
53   list-style: none;
54   position: absolute;
55   top: 100%;
56   left: 0;
57   background: #007a7a, 150, 150, 0.9;
58   padding: 0;
59   margin: 0;
60   min-width: 180px;
61   display: none;
62   border-radius: 5px;
63 }
64 .has-dropdown .dropdown li a {
65   padding: 0.5em 1em;
66   border-bottom: 1px solid #007a7a, 255, 255, 0.1;
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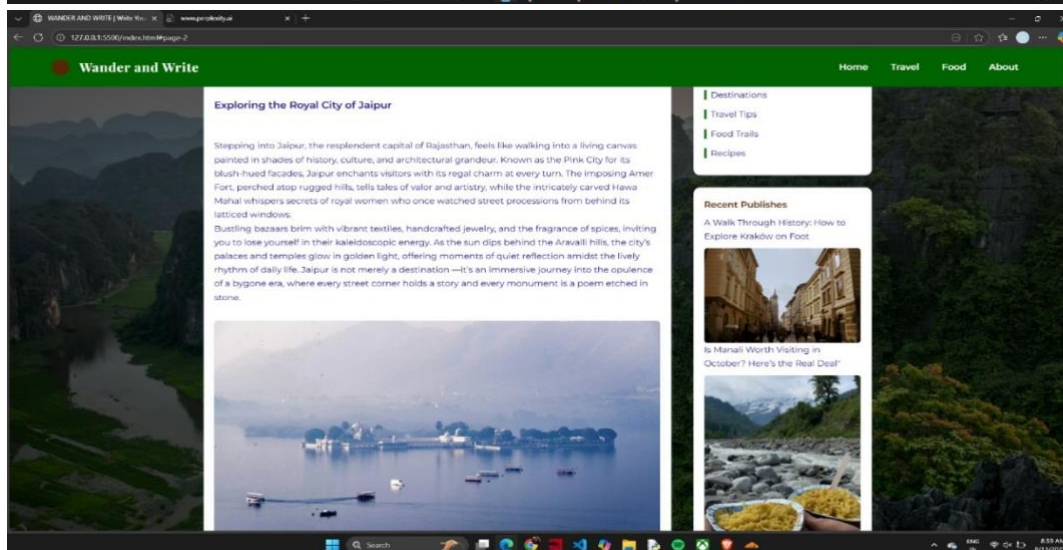
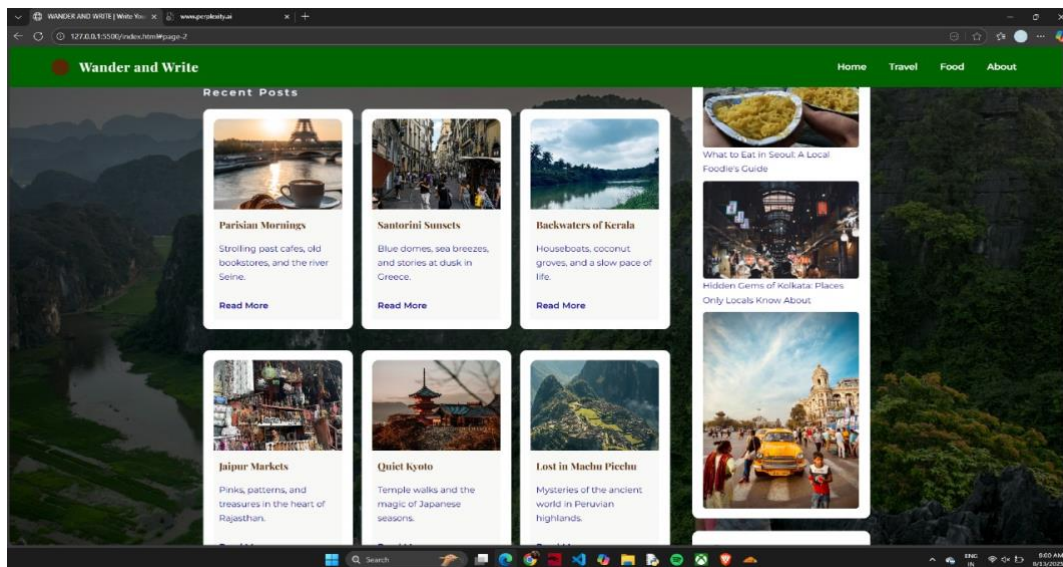
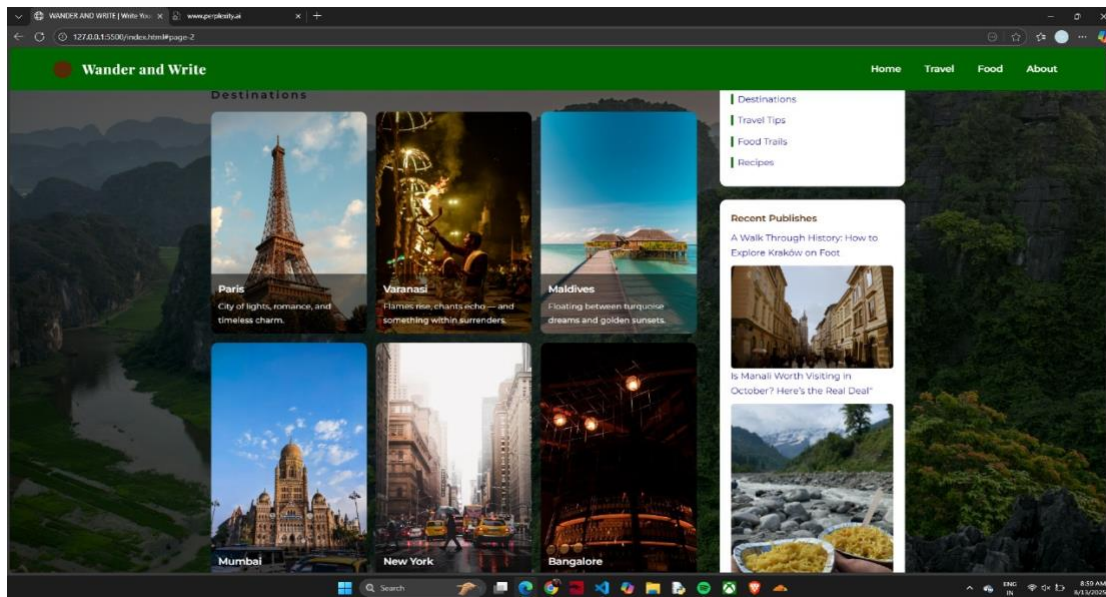
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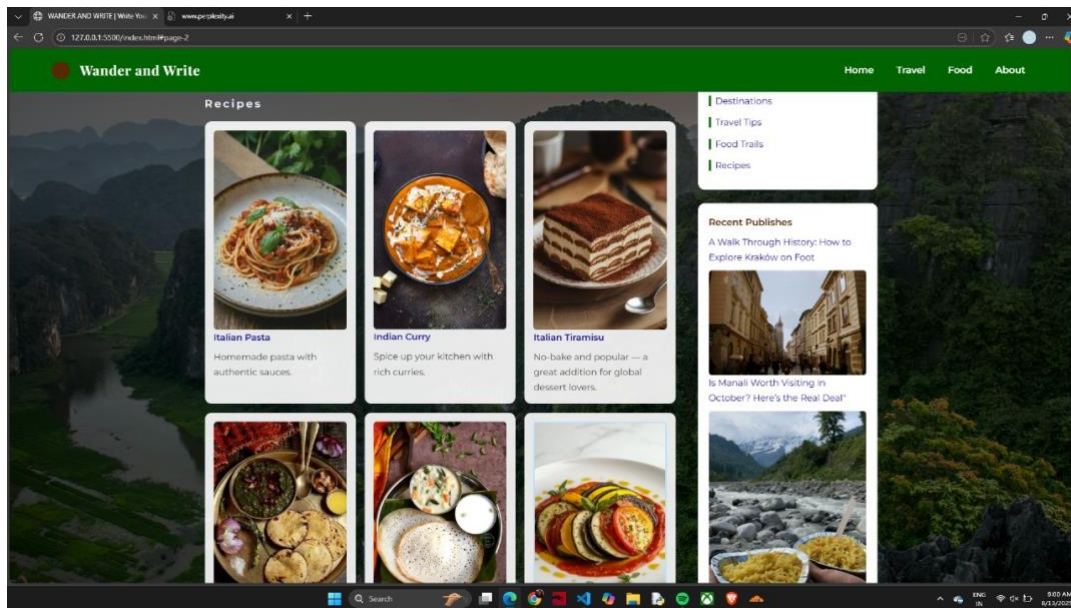
## Output

In laptop

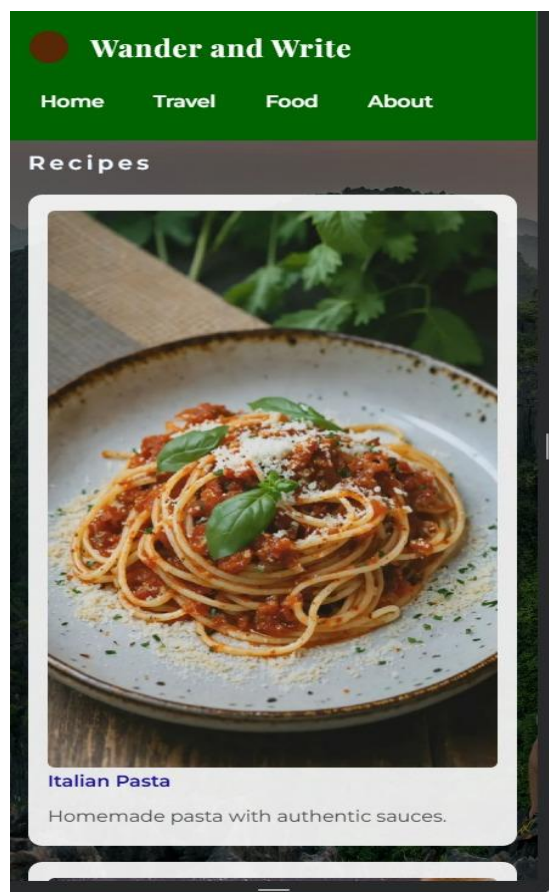
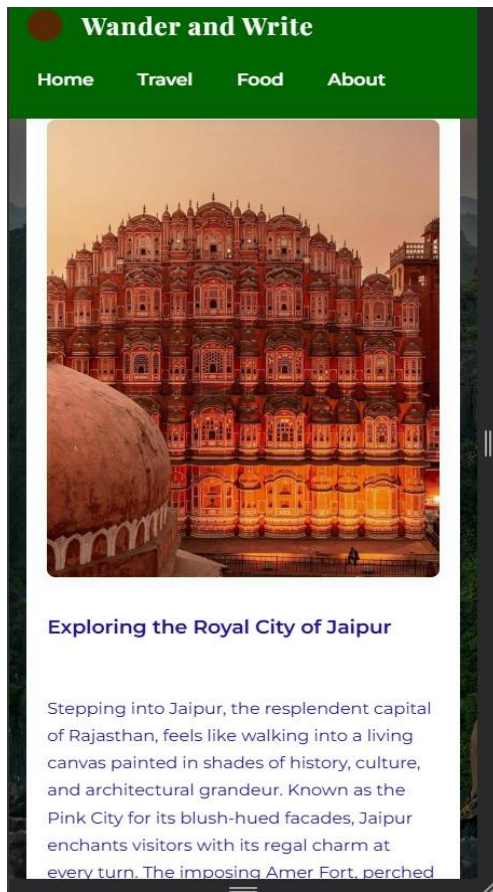




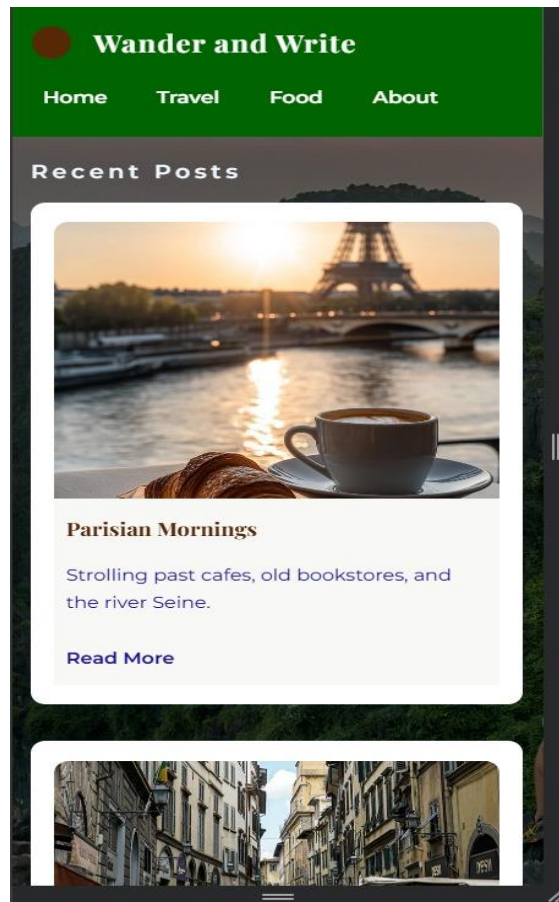
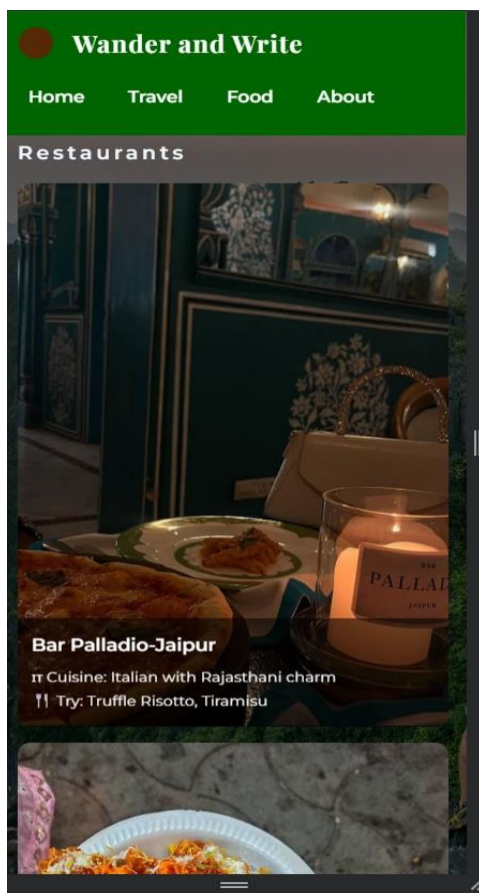




In mobile view







## Conclusion

This project involved designing and implementing an elegant, travel blog webpage using **pure HTML and CSS**. It strengthened my understanding of semantic markup, CSS Grid and Flexbox layouts, and achieving interactive functionality with CSS selectors. The challenge of maintaining uniform card sizes, accessibility, and beautiful visual theming was successfully met. This mini project enhanced my front-end skills, particularly in user-centric web design for food service applications.

## Reference

- L&T LMS: <https://learn.Intedutech.com/Landing/MyCourse>
- MDN Web Docs: <https://developer.mozilla.org/en-US/>
- Google Fonts and Material Design Guidelines
- CSS-Tricks: <https://css-tricks.com/>