

FoodWheels: A Modern Food Truck Website

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Introduction:

The project 'FoodWheels India' is a web-based concept inspired by the idea of bringing delicious street food to people through a digital platform. The goal was to design a modern, responsive, and attractive website using Bootstrap 5, representing the food truck experience in a clean, mobile-friendly way.

Ideation and Planning:

Before starting, I planned a simple structure with Home, About, and Contact pages. The website theme was kept bright and minimal using Bootstrap components like navigation bars, cards, containers, and responsive grids.

Project Development (Step-by-Step Process)

1. Homepage:

- Added a navigation bar, hero section, and featured food items using cards.
- Applied custom CSS for bright colors and attractive fonts.

2. About Page:

- Added my personal introduction and role.
- Used Bootstrap grid system and typography for clean layout.

3. Contact Page:

- Created a simple contact form with social media icons and footer.

4. Final Adjustments:

- Tested responsiveness, fixed spacing, and finalized background design.

Tools and Resources Used:

Bootstrap 5 – for layout and responsive design

HTML & CSS – for structure and styling

ChatGPT – for layout reference and coding guidance

Bootstrap Documentation – for examples

Unsplash & Pexels – for food images

Challenges Faced and Solutions:

- **Challenge 1: Making the website responsive**

Solution: I learned how to use the **Bootstrap grid system** effectively by applying the correct column classes and responsive layouts, ensuring the website looked perfect on mobile, tablet, and desktop screens.

- **Challenge 2: Navbar links not working**

Solution: The navigation bar initially failed to connect pages properly. I solved this by **verifying directory paths** and linking all HTML files correctly, ensuring smooth navigation between pages.

- **Challenge 3: Uneven image sizes**

Solution: Some images appeared distorted and inconsistent in size. I fixed this issue by using **Bootstrap utility classes** like `img-fluid` and `rounded`, which automatically adjusted image dimensions and made them responsive.

- **Challenge 4: Plain and simple design**

Solution: The website initially lacked visual appeal. I enhanced it by adding **color themes, attractive icons, and better spacing**, resulting in a more engaging and professional-looking interface.

Learning Outcome:

Through this project, I learned to create responsive websites using HTML and Bootstrap, maintain clean code, and improve my creativity and problem-solving skills. I also learned to use AI tools like ChatGPT for structured guidance.

Time Taken:

| Task | Hours |
|--------------------------|-------|
| Planning and Wireframing | 2 hrs |
| Homepage Design | 4 hrs |
| About Page | 2 hrs |
| Contact Page | 2 hrs |
| Testing and Finishing | 2 hrs |

Conclusion:

‘FoodWheels India’ was an enjoyable and educational journey. It helped me understand the basics of web design using Bootstrap 5, improved my creativity, and built confidence to develop websites independently.

Demo Video:



FoodWheels_demo
video.mp4

Reference:

This project used Bootstrap 5 documentation and ChatGPT for guidance only.

