# 5-DAY BOOTSTRAP BOOTCAMP

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# COURSE OVERVIEW

**5-Day Bootstrap Bootcamp**

- Technologies: HTML,CSS & Bootstrap

- Target: 7th Grade Students

- Duration: 5 days × 3 hours

- Final Project: Responsive Website

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# DAY 1 - HTML FOUNDATIONS & BOOTSTRAP INTRODUCTION

**HTML Basics Refresher**

- HTML document structure (`<!DOCTYPE>`, `<html>`, `<head>`, `<body>`)

- Essential tags: headings (`<h1>`-`<h6>`), paragraphs (`<p>`), images (`<img>`), links (`<a>`)

- Lists: ordered (`<ol>`) and unordered (`<ul>`)

- Basic form elements

**What is Bootstrap ? What is a CSS framework ?**

- Why use Bootstrap? (faster development, responsive design, consistent styling)

- How to include Bootstrap CDN

- Bootstrap's mobile-first approach

**Hands-on Activities**

- Create a simple HTML page with restaurant information

- Convert the simple HTML page to use Bootstrap

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# Day 1 Contd..

**Setting up Bootstrap**

- Adding Bootstrap CDN links

- Bootstrap container system introduction

- Basic Bootstrap classes: .container, .text-center, .btn

- Create a simple HTML page about their favourite restaurant

- Add Bootstrap CDN and use at least 3 Bootstrap classes

- Include: heading, paragraph, button, and centre everything

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# DAY 2 - BOOTSTRAP GRID SYSTEM & NAVIGATION

**Understanding the Grid System**

- 12 column grid concept

- Container, row, and column structure

- Basic column classes: .col, .col-md-6, .col-lg-4

- Mobile-first responsive breakpoints

**Building Layout with Grid & Bootstrap Navigation**

- Creating a navbar with .navbar class

- Navbar brand and navigation links

- Responsive navbar with collapse functionality

- Making navbar sticky

**Hands-on Activities**

- Build a simple menu layout

- Build a navbar

**Excercises**

- Create a webpage with a responsive navbar and a 3-column layout below it

- Each column should have a food item with title and description

- Test it on different screen sizes (phone, tablet, computer)

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# DAY 3 - CARDS, IMAGES & TYPOGRAPHY

**Bootstrap Cards**

- Card structure (.card, .card-body, .card-title, .card-text)

- Adding images to cards (.card-img-top)

- Card groups and equal heights

**Working with Images & Typography**

- Responsive images (.img-fluid)

- Bootstrap typography classes (.display-1, .lead, .text-muted)

- Text alignment (.text-center, .text-start, .text-end)

- Font weights (.fw-bold, .fw-light)

**Hands-on Activities**

- Create menu item cards

- Style restaurant content with proper typography

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# Day 3 Contd..

**Building Menu Section**

- Create a complete menu section using cards and grid

- Menu section similar to the reference website

- Create a menu section with at least 6 food items using cards

- Use proper typography and spacing

- Make it responsive (2 columns on tablet, 1 column on phone)

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# DAY 4 - FORMS, BUTTONS & COMPONENTS

**Bootstrap Forms**

- Form controls (.form-control)

- Labels (.form-label)

- Form layout with grid system

- Input types: text, email, date, number

**Buttons & Styling**

- Button classes (.btn, .btn-primary, .btn-success, .btn-warning)

- Button sizes (.btn-sm, .btn-lg)

- Custom button colors

- Hover effects

**Hands-on Activities**

- Build Reservation form step by step

- Style the reservation form with proper buttons

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# Day 4 Contd..

**Additional Components**

- Bootstrap icons (introduce via CDN)

- Adding icons to navbar and buttons

- Basic animations and hover effects

- Box shadows and rounded corners

**Exercises**

- Complete the reservation form with all fields (name, email, date, time, guests, special requests)

- Style it beautifully with proper spacing and colors

- Add icons where appropriate

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# DAY 5 - FINAL PROJECT & ADVANCED FEATURES

**Carousel Component**

–   Bootstrap carousel structure

–   Adding slides with content

–   Carousel indicators and controls

–   Auto-sliding carousel

**Final Project**

–   A complete responsive restaurant website including all the components, with navbar, reservation, menu items.

**Hands-on Activities**

- Menu carousel like in reference website

**Final Project**

- Building a responsive website with students, bringing together all the concepts they've learnt

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# REQUIRED RESOURCES

– Computers/laptops for students

– Text editor (VS Code, Notepad++, or online editors)

– Internet access for Bootstrap CDN

– Sample food images (provide a folder of royalty-free images)

**Bootstrap References**

- Official Documentation: Getting Started

- Components Reference: Components

- Layout & Grid System: Layout

- Examples Gallery: Examples

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# THANK YOU!

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