

HTML5 & Bootstrap5: From Basics to Advanced - Crash Course of 10 Days

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Mode: Online Class (Including Saturday and Sunday)

Max Duration: 20 Hour

Day 1: Introduction to HTML5

- What is HTML? Structure of an HTML document
- Basic tags: headings, paragraphs, links, images, lists
- Attributes and semantic elements
- Forms and input types

Day 2: Advanced HTML5 Features

- Audio and video elements
- HTML5 APIs (Canvas, Geolocation, Local Storage basics)
- Semantic tags: <header>, <footer>, <section>, <article>
- Best practices for clean HTML

Day 3: Introduction to CSS with HTML

- Inline, internal, and external CSS
- Selectors, colors, fonts, and backgrounds
- Box model (margin, border, padding)
- Basic page layout with CSS

Day 4: Introduction to Bootstrap 5

- What is Bootstrap? Installation (CDN and local)
- Container, grid system, and responsive design
- Rows and columns with examples
- Breakpoints for different devices

Day 5: Bootstrap 5 Utilities & Typography

- Bootstrap typography (headings, text utilities)
- Spacing, colors, borders, and shadows
- Display and visibility classes
- Responsive text and alignment

Day 6: Bootstrap 5 Components (Part 1)

- Buttons, button groups, and badges
- Alerts, progress bars, and spinners
- Cards (basic and advanced usage)
- Images and responsive media

Day 7: Bootstrap 5 Components (Part 2)

- Navbar and navigation
- Breadcrumbs and pagination
- Modals and tooltips
- Accordions and collapsible elements

Day 8: Forms in Bootstrap 5

- Form controls, input groups, and validation
- Checkboxes, radio buttons, select, range, and switches
- Floating labels and form layouts
- Responsive forms with grid system

Day 9: Bootstrap Layout & Advanced Utilities

- Flexbox utilities in Bootstrap
- Grid alignment, ordering, nesting
- Bootstrap helpers (position, overflow, sizing)
- Responsive design best practices

Day 10: Project & Wrap-Up

- Building a small responsive project (e.g., Portfolio or Landing Page)
- Combine HTML5 + CSS + Bootstrap 5 features
- Debugging and optimization tips
- Q&A and final review