



Bootstrap Course Details

◆ Course Overview

This Bootstrap course teaches you how to build modern, responsive, and mobile-friendly websites using the Bootstrap framework.

You will learn grid systems, components, utilities, layouts, and how to quickly style web pages without writing heavy CSS manually.

◆ What You Will Learn

1. Introduction to Bootstrap

- What is Bootstrap?
 - Benefits of using Bootstrap
 - CDN vs. local installation
 - Understanding Bootstrap documentation
 - Mobile-first design concept
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2. Bootstrap Grid System

- Container, Row & Column structure
 - Responsive breakpoints
 - Column sizing & spacing
 - Nested grids
 - Creating responsive layouts
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3. Bootstrap Utilities

- Spacing (margin & padding classes)
- Display utilities (block, inline, flex)



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- Border & background utilities
 - Typography utilities
 - Color classes
 - Sizing utilities
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4. Bootstrap Components

Learn all major UI components:

Basic Components

- Buttons & button groups
- Alerts, badges & progress bars
- Cards
- Images & thumbnails
- Tables & pagination

Navigation Components

- Navbar
- Navs & tabs
- Dropdowns
- Breadcrumbs

Forms

- Form controls
- Input groups
- Validation states
- Form layouts (inline, horizontal, stacked)



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Content Components

- Modals
 - Collapse
 - Carousel
 - Tooltips & popovers
 - Accordion
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5. Bootstrap Layout Techniques

- Using containers (fixed vs fluid)
 - Creating responsive sections
 - Hero banners
 - Footer design
 - Flexbox utilities
 - Position utilities
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6. Bootstrap Icons

- Installing Bootstrap Icons
 - Using icon classes
 - Customizing icon sizes & colors
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7. Responsive Design Deep Dive

- Designing for mobile, tablet & desktop
- Controlling visibility by screen size



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- Building adaptive sections
 - Media queries using Bootstrap classes
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8. Customization & Advanced Topics

- Overriding Bootstrap with custom CSS
 - Using SASS version of Bootstrap
 - Creating custom themes
 - Combining Bootstrap with JavaScript
 - Adding animations
 - Integrating Bootstrap in React, Angular, Laravel, Django
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9. Real-World Website Projects

- Business landing page
 - Portfolio website
 - E-commerce product page
 - Blog UI with cards
 - Admin dashboard layout
 - Login/registration form design
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◆ Tools You Will Use

- Bootstrap 5
- HTML & CSS
- JavaScript basics



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- VS Code
 - GitHub (optional)
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◆ Course Duration

- 1 to 2 weeks (project-based learning)
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◆ Who Can Join

- Students
- Web developers
- UI/UX beginners
- Freelancers
- Anyone interested in modern web design