



TECHHUB SOLUTIONS

...be step ahead in your field

Bootstrap Course

Module 1: Introduction to Bootstrap

- What is Bootstrap?
- History and Versions of Bootstrap
- Advantages of using Bootstrap
- How Bootstrap differs from other frameworks
- Setting up Bootstrap (CDN, Download, and Integration with HTML)

Module 2: Bootstrap Grid System

- Understanding the 12-column grid system
- Containers, Rows, and Columns
- Responsive design using grid classes (`.col-`, `.col-sm-`, `.col-md-`, `.col-lg-`)
- Nesting columns and offset classes
- Practical exercises: Creating layouts with Bootstrap grids

Module 3: Bootstrap Typography and Images

- Headings, paragraphs, and text utilities
- Text alignment, colors, and wrapping
- Responsive images (`.img-fluid`, `.img-thumbnail`, `.rounded`)
- Figures and captions

Module 4: Bootstrap Components

- Buttons: types, sizes, and button groups
- Forms: input fields, validation, checkboxes, radio buttons, select boxes
- Alerts, badges, and progress bars
- Cards and list groups
- Navbars, breadcrumbs, and pagination

Module 5: Bootstrap Utilities

- Spacing utilities (margin and padding)
- Colors and background utilities
- Display and visibility classes
- Flex utilities and alignment
- Shadows, borders, and rounding

Module 6: Bootstrap JavaScript Components

- Modals
- Dropdowns
- Tooltips and Popovers
- Carousel / Sliders
- Collapse and Accordion
- Tabs and Pills

Module 7: Responsive Design and Media Queries

- Breakpoints overview
- Creating responsive layouts
- Responsive visibility classes (.d-none, .d-sm-block, etc.)
- Practical examples: Multi-device design

Module 8: Advanced Bootstrap

- Customizing Bootstrap with Sass
- Creating reusable components
- Integrating with other JS libraries
- Best practices for Bootstrap projects

Module 9: Project Work

- Build a responsive landing page
- Create a portfolio website
- Build a small e-commerce product page
- Deploy project online (optional)