

Bootstrap



Course Goals and Non Goals

➤ Course Goals

- Creating responsive, mobile first web projects.





Pre-requisites

➤HTML, CSS, JavaScript & jQuery Basics



Intended Audience

➤ Web application developers





Day Wise Schedule

➤Day 1

Lesson 1: Introduction to Bootstrap

Lesson 2: Bootstrap Basics

➤Day 2

Lesson 3: Bootstrap Components

Lesson 4: Bootstrap Plugins



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➤ Lesson 1: Introduction to Bootstrap

1.1. Introduction

- Bootstrap Introduction
- Why Bootstrap?
- Bootstrap Advantages
- SASS Introduction
- What's new in Bootstrap 4?
- Mobile First Strategy

1.2. Getting Started with Bootstrap

- Bootstrap home page
- Downloading Bootstrap
- Bootstrap pre-compiled folder structure
- Bootstrap Global Styles
- Responsive Design
- Bootstrap basic template



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➤ Lesson 2: Bootstrap Basics

2.1. Bootstrap grid system

- Grid System in Bootstrap
- Grid Options
- Basic Grid Structure
- Bootstrap grid sizes
- Bootstrap grid sizes – using Offset
- Multiple Grid

2.2. Bootstrap Basic Components

- Helper Classes & Responsive Utilities
- Working with Buttons
- Font Icons
- List
- Tables
- Forms
- Typography



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➤ Lesson 3: Bootstrap Components

3.1. Bootstrap Components

- Page Header
- Breadcrumb
- Button Groups
- Dropdown
- Nav & Navbars
- Input Groups
- Pagination
- Panel
- Well
- Jumbotron
- Alerts



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➤ Lesson 4: Bootstrap Plugins

4.1. Bootstrap Plugins

- Bootstrap jQuery Plugins
- Working with Methods
- Working with Events
- Transition Plug-in
- Modal Plug-in
- Carousel Plug-in
- Collapse Plug-in
- Tab Plug-in
- Tooltip Plug-in



References

- O'REILLY Bootstrap by Jake Spurlock
- <http://getbootstrap.com/>
- <http://www.tutorialspoint.com/bootstrap/index.htm>
- <https://www.w3schools.com/bootstrap4/default.asp>





Other Parallel Technology Areas

➤ ZURB Foundation