

Overview

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Course Info

Week 1

Front-End Web UI Frameworks and Tools: Bootstrap 4

Week 1

Discuss this week's modules here.

6325 threads · Last post 16 hours ago

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Front-end Web UI Frameworks Overview: Bootstrap



Jogesh K. Muppala

This module gives you a quick introduction to full-stack web development and the outline of the course. Then you will learn the basics of Bootstrap, setting up a web project using Bootstrap. You will learn about responsive design and the Bootstrap grid system. At the end of this module, you need to complete your first assignment.

Learning Objectives

- Express what is meant by full stack in the context of web development
- · Create a project with Bootstrap support
- Create a responsive website using the Bootstrap grid system
 Develop a website that can automatically adapt to different screen sizes and resolutions

Welcome to Front-End Web UI Frameworks and Tools: Bootstrap 4

▶ Video: Front-End Web UI Frameworks and Tools: Bootstrap 4: Course Overview 7 min

- ▶ Video: How to Use the Learning Resources 10 min
- @ Reading: Welcome to Front-End Web UI Frameworks and Tools: Bootstrap 4: Additional Resources 10 min

Full Stack Web Development: The Big Picture

- @ Reading: Full Stack Web Development: The Big Picture: Objectives and Outcomes 10 min
- **▶ Video:** What is Full-Stack Web Development? 5 min
- Reading: Full Stack Web Development: Additional Resources 10 min

Setting up your Development Environment: Git and Node

- @ Reading: Setting up Your Development Environment: Git and Node: Objectives and Outcomes 10 min
- Reading: Setting up your Development Environment 10 min
- ▶ Video: Exercise (Video): Setting up Git 6 min
- Reading: Exercise (Instructions): Setting up Git 10 min
- ▶ Video: Exercise (Video): Basic Git Commands 18 min
- (Instructions): Basic Git Commands 10 min
- ▶ Video: Exercise (Video): Online Git Repositories 12 min
- Reading: Exercise (Instructions): Online Git Repositories 10 min
- ▶ Video: Node.js and NPM 3 min
- ▶ Video: Exercise (Video): Setting up Node.js and NPM 2 min
- Reading: Exercise (Instructions): Setting up Node.js and NPM 10 min
- ▶ Video: Exercise (Video): Basics of Node.js and NPM 23 min
- @ Reading: Exercise (Instructions): Basics of Node.js and NPM 10 min
- @ Reading: Setting up your Development Environment: Git and Node: Additional Resources 10 min

Introduction to Bootstrap

Reading: Introduction to Bootstrap: Objectives and Outcomes 10 min

Video: Front-end Web UI Frameworks 7 min
Video: Introduction to Bootstrap 2 min 2 mi
Video: Exercise (Video): Getting Started with Bootstrap 14 min
Reading: Exercise (Instructions): Getting Started with Bootstrap 10 min
Reading: Introduction to Bootstrap: Additional Resources 10 min
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Responsive Design and Bootstrap Grid System
(m) Reading: Responsive Design and Bootstrap Grid System: Objectives and Outcomes 10 min
● Video: Responsive Design 9 min
● Video: Bootstrap Grid System 27 min
Video: Exercise (Video): Responsive Design and Bootstrap Grid System Part 1 20 min
(Instructions): Responsive Design and Bootstrap Grid System Part 1 10 min
● Video: Exercise (Video): Responsive Design and Bootstrap Grid System Part 2 14 min
(m) Reading: Exercise (Instructions): Responsive Design and Bootstrap Grid System Part 2 10 min
(m) Reading: Responsive Design and Bootstrap Grid System: Additional Resources 10 min
Assignment 1
Video: Assignment 1 Requirements (Video) 7 min
Peer-graded Assignment: Assignment 1: Bootstrap and Responsive Design 1h Due Aug 30, 1:59 AM CDT
Paview Your Peers: Assignment 1: Bootstrap and Responsive Design Due Sep 2, 1:59 AM CDT
(III) Reading: Assignment 1 Resources 10 min
Optional Honors Content
Ideation
@ Reading: Ideation: Objectives and Outcomes 10 min
(III) Reading: Ideation Report Template 10 min
(2) Honors Peer-graded Assignment: Ideation 1h Due Aug 30, 1:59 AM CDT
© Review Your Peers: Ideation Due Sep 2, 1:59 AM CDT
(III) Reading: Ideation: Additional Resources 10 min