INTRODUCTION TO BOOTSTRAP

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BOOTSTRAP IN JUST ONE LINE

- Free, mobile-first CSS framework for building responsive websites fast.

PREREQUISITES

- HTML and CSS ([HTML5 and CSS3 Course](#))

- jQuery or JavaScript ([JavaScript Course](#))

COURSE AUDIENCE

- Front-end Developers

- UI/UX Designers

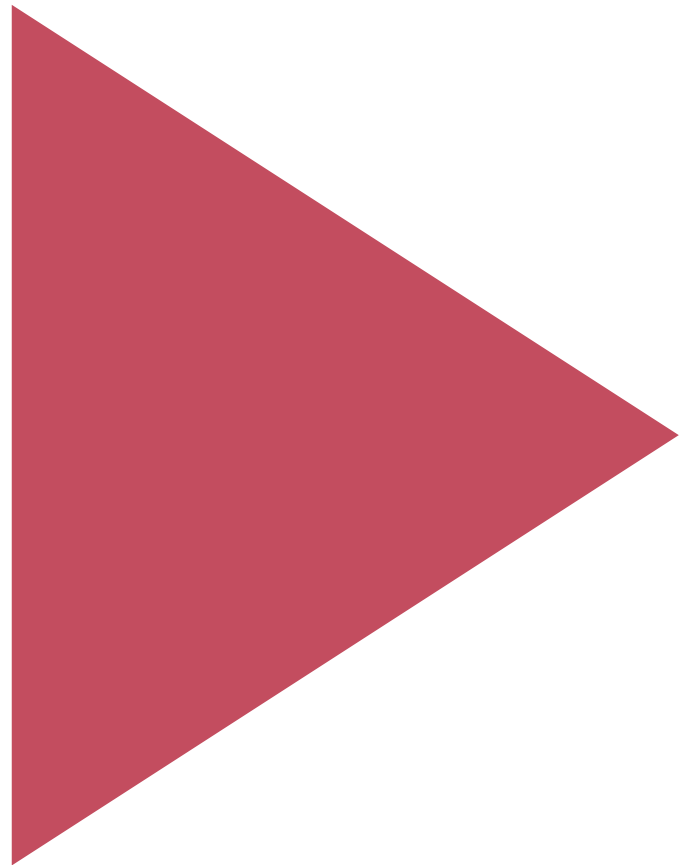- Tech Managers

WE WILL TALK
ABOUT
BOOTSTRAP
V.5.3.X

COURSE GUIDELINES

- Watch each video carefully and note everything you need.

- Implement the exact video codes by yourself after watching the video. (You can back to the video any time you need)

- Now you can use code hacking, which means that you can change multiple parts of the code and see the result.

COURSE OUTLINES
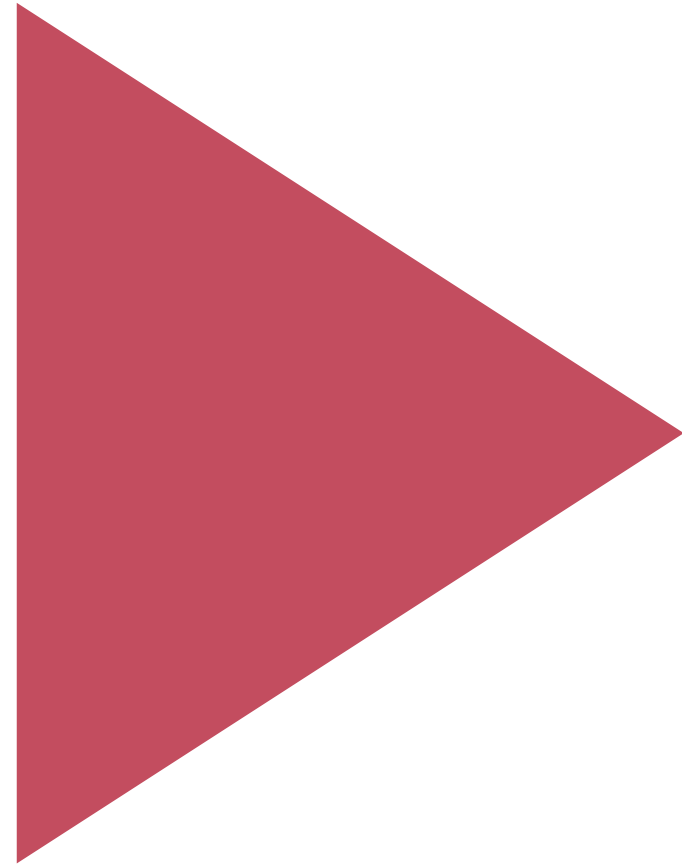
Module 1: Introduction to Bootstrap

- Video 1: Course Overview

- Video 2: Setting Up Bootstrap

COURSE OUTLINES

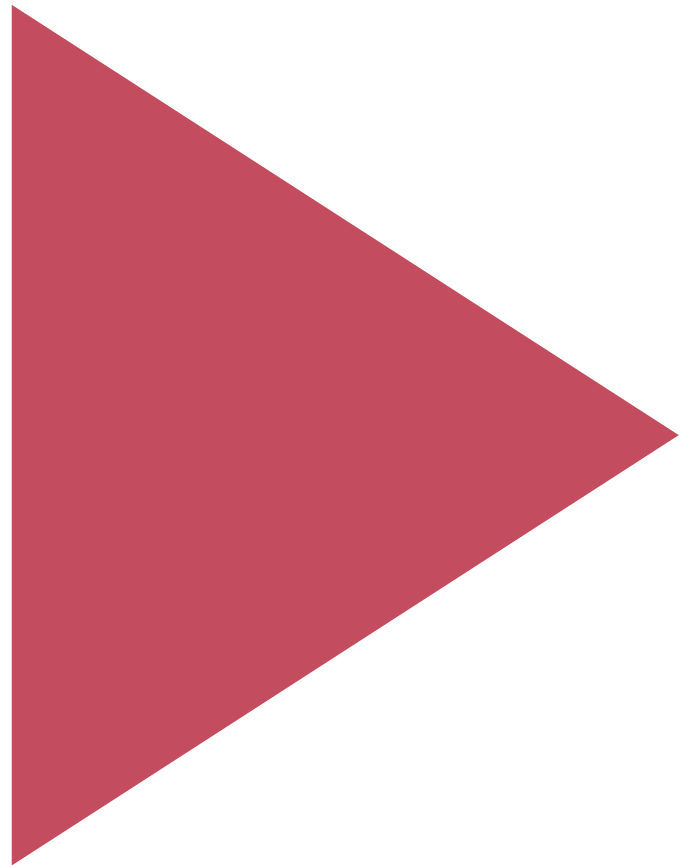Module 2: Bootstrap Fundamentals

- Video 3: Bootstrap Grid System

- Video 4: Essential Components

- Video 5: Styling with Typography

- Video 6: Utility Classes

- Video 7 (Bonus): jQuery

COURSE OUTLINES

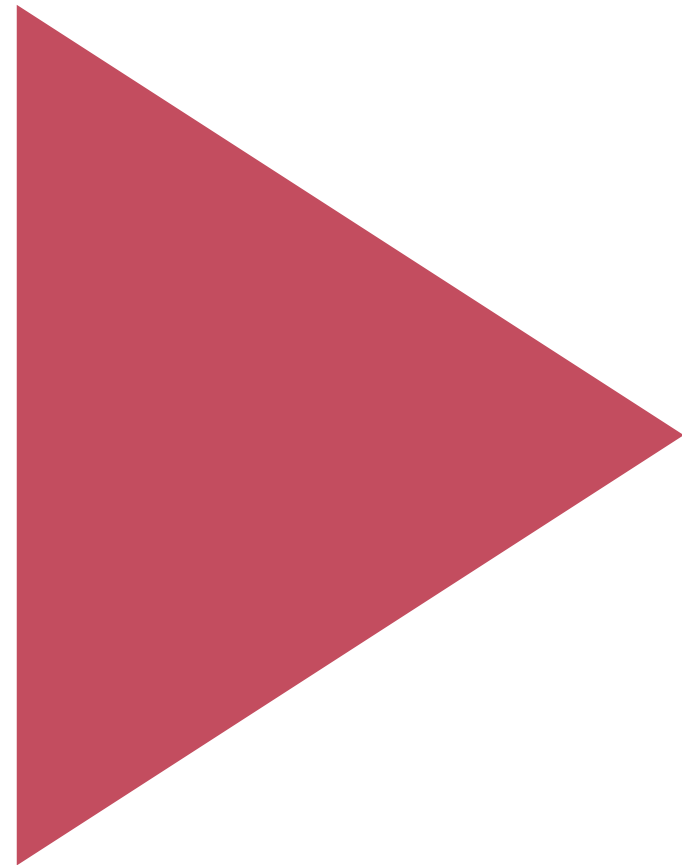Module 3: Building Practical Websites

- Video 8: Landing Page Creation

- Video 9: Crafting a Blog Page

- Video 10: Showcasing Projects (Portfolio Page)

- Video 11: Interactive Contact Form

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COURSE OUTLINES

Module 4: Advanced Bootstrap
Techniques

- Video 12: Themes and Customization

- Video 13: Advanced Layouts & Flexbox

- Video 14: Debugging & Common Issues

- Video 15: Best Practices & Community

WHAT IS BOOTSTRAP?

- Bootstrap is a **free** and **open-source** framework that helps developers build responsive websites more quickly and easily.

- It includes **pre-built components** like buttons, forms, navigation bars, and more, which can be customized to fit the look and feel of your website.

- Bootstrap is also designed to be **mobile-first**, meaning that websites built with it will look good on all devices, from desktop computers to smartphones.

WHY BOOTSTRAP?

Pros:

- Faster development

- Responsive by default

- Easy to learn and use

- Consistency and maintainability

- Large community and resources

Cons:

- Potential for bloat

- Limited customization

- Learning curve

- Overused design

BOOTSTRAP HISTORY

Early beginnings

· Developed by Mark Otto and Jacob Thornton at Twitter, initially named Twitter Blueprint.
· Aimed to create consistency across internal tools and reduce maintenance burden.

Major revisions

· Bootstrap 2.0 (January 2012) introduced responsive functionality as an optional stylesheet.
· Bootstrap 3.0 (August 2013) made responsiveness a core focus with a mobile-first approach.

2011

2010

2012–2015

2015–present

Open-source release

· Publicly released on August 19, 2011, as Bootstrap 1.0.
· Gained rapid popularity due to its ease of use and responsive design capabilities.

Continued evolution

· Bootstrap 4.0 (May 2017) focused on modularity, accessibility, and component improvements.
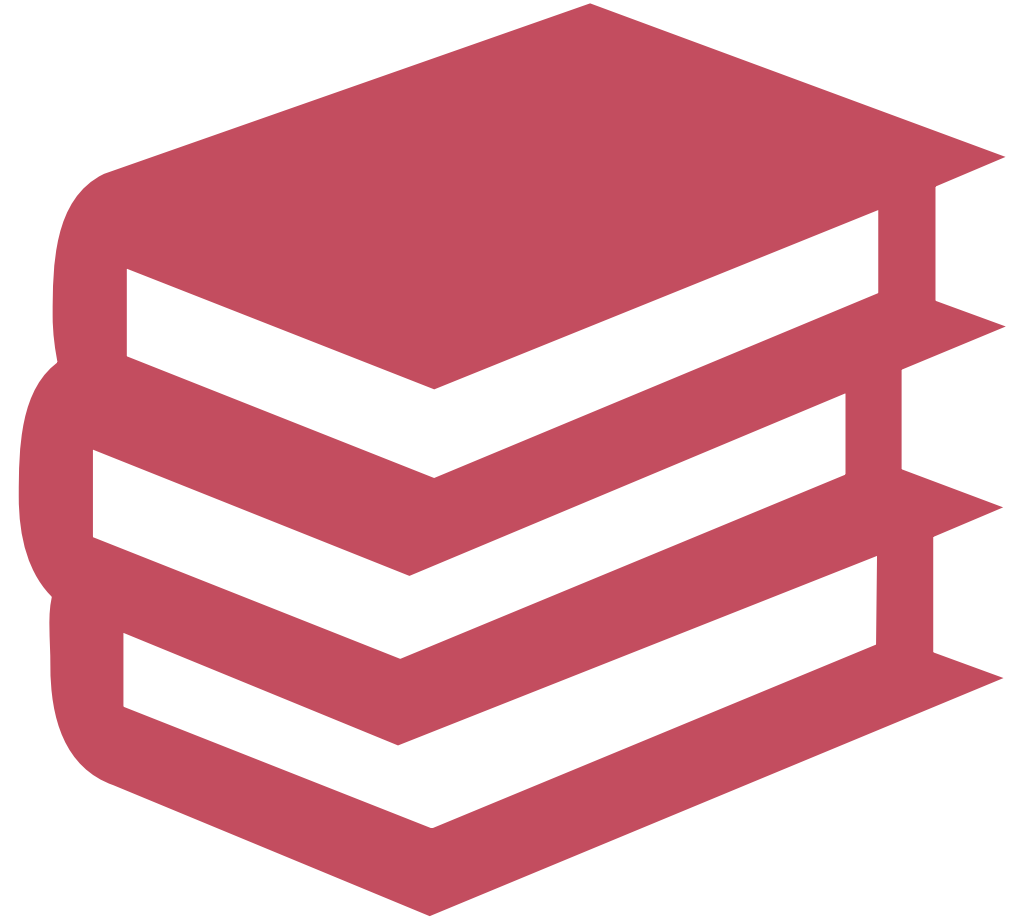· Bootstrap 5.0 (June 2021) embraced modern CSS features and introduced new components and utilities.

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IMPORTANT COURSE REFERENCES

- www.getbootstrap.com

- www.w3schools.com

COURSE CODES AND EXERCISES

THANKS FOR WATCHING

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