

# Basic Web Design

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Bootstrap

LECTURE - 15

# Course Contents

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- Bootstrap
- Overview of CSS Frameworks
- Benefits of Bootstrap
- Bootstrap Installation
- File Structure
- CDN Usage

# CSS Frameworks

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- CSS frameworks are pre-designed libraries of CSS code.
- They provide pre-built, ready-to-use styles and components.
- They help
  - Consistent Designing
  - Ease of Use
  - Responsive Design
  - Cross Browser Compatibility

# Popular CSS Frameworks

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- Bootstrap
- Foundation
- Bulma
- Tailwind CSS
- Materialize
- Semantic UI

# Overview of Bootstrap

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- **Bootstrap** is a popular open-source CSS framework that enables developers to create responsive and mobile-first websites quickly and efficiently.
- It was originally developed by **Twitter** and has become one of the most widely used frameworks for front-end development.
- Bootstrap provides a **flexible grid system** that allows for the creation of responsive layouts.
- Bootstrap comes with a wide range of **pre-designed components**, such as buttons, forms, modals, navigation bars, and cards
- Bootstrap includes numerous **utility classes** for common CSS tasks like spacing (margin and padding), text alignment, background colors, and more
- Being widely used, Bootstrap has a large **community**, extensive documentation, and many third-party themes and plugins available for enhancing projects

# Bootstrap Installation

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- Bootstrap Official Website: <https://getbootstrap.com/>
- W3schools:  
[https://www.w3schools.com/bootstrap5/bootstrap\\_get\\_started.php](https://www.w3schools.com/bootstrap5/bootstrap_get_started.php)
- Bootstrap through CDN (<https://www.bootstrapcdn.com/> )
- Download Bootstrap file and add in your project

# Using CDN



# Download Bootstrap





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End of Lecture  
THANK YOU