# FRONT–END DEVELOPER Course

Front–end development is the part of web development that involves creating the user interface and user experience of a website. It involves using HTML, CSS, and JavaScript to build responsive and interactive web pages.

## Course Overview

Become a front end developer and learn how to build beautiful websites and functional web applications. This course is perfect for any one who wants to start their career in the ever–growing IT sector.This course, designed for both students with and without experience in Front End Development, makes you a well–rounded professional.

## What you'll learn

HTML

HTML and CSS are the building blocks of any web application. A strong foundation on HTML and CSS is very important to become a successful full stack web developer.

 CSS

CSS are the building blocks of any web application. A strong foundation on CSS is very important to become a successful full stack web developer.

JAVASCRIPT

Javascript is the most popular language in both front–end and backe–end (Node.js), thus you can become a full–stack web developer just by learning JavaScript.

Bootstrap

Bootstrap is a popular front–end development framework that helps developers build responsive and mobile–first websites.

Sass

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Sass (short for Syntactically Awesome Style Sheets) is a preprocessor scripting language that is used to extend the capabilities of CSS. Sass files are compiled into CSS files, which can be used to style web pages.

git

Git is a version control system that is widely used by software developers to manage source code and collaborate on projects.

## Course outline

**HTML**

- 1. Introduction to HTML
- 2. Browsers and HTML
- 3. Editors Offline and Online
- 4. Tags Attribute and Elements
- 5. Doctype element
- 6. Comments
- 7. Heading
- 8. Paragraphs
- 9. Formatting Text
- 10. Lists
- 11. Links
- 12. Images
- 13. Tables
- 14. HTML5 Tag
- 15. HTML5 Attribute

**CSS**

- 1. Introduction CSS
- 2. Applying CSS to HTML
- 3. Selectors properties and values
- 4. CSS Colors
- 5. CSS Backgrounds
- 6. CSS Box Model

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- 7. CSS Margins Padding Borders
- 8. CSS Text and Font Properties
- 9. CSS General Topics
- 10. CSS3
- 11.CSS3 Selector
- 12.CSS3 Property
- 13.Gradient
- 14.Transform
- 15.Transition
- 16.CSS Animation
- 17.Responsive Design
- 18.Print Style

**JAVASCRIPT**

- 1. Introduction to JavaScript
- 2. Applying JavaScript (internal and external)
- 3. Understanding JS Syntax
- 4. Introduction to Document and Window Object
- 5. Variables
- 6. Operators
- 7. Data Types
- 8. Num Type Conversions
- 9. Math
- 10. String Manipulation
- 11. Objects
- 12. Arrays
- 13. Date and Time
- 14. Conditional Statements
- 15. Switch Case
- 16. Looping in JS
- 17. Functions

BootStrasp

- Layout
- Components:

- Typography
- CSS Variables
- Accessibility
- Responsive Images
- JavaScript Plugins

Sass

- Variables
- Nesting
- Mixins:
- Functions
- Importing
- Extensions

Git

- Introduction to Git
- Setting up Gi
- Basic Git commands
- Branching and merging
- Resolving conflicts
- Working with remote repositories