

Responsive Web Design

Learn how to design and develop responsive websites that adapt to different screen sizes and devices.

Category: Programming · Duration: 2 days

WHO IT IS FOR

- Front-end developers
- Developers of any background
- Teams that want hands-on practice on real scenarios

In this comprehensive course, you will learn the fundamentals of responsive web design and develop the skills needed to create websites that look great and function seamlessly on any device. Through a combination of theory and hands-on exercises, you will explore techniques for designing flexible layouts, implementing media queries, and optimizing performance. By the end of the course, you will have the knowledge and confidence to create modern, mobile-friendly websites.

Prerequisites

Basic HTML and CSS knowledge

Syllabus

- Introduction to Responsive Web Design
- Understanding Viewports and Media Queries
- Creating Fluid Grid Layouts with CSS
- Designing Responsive Typography
- Working with Images and Media
- Optimizing Performance for Mobile
- Advanced Responsive Techniques
- Testing and Debugging
- Accessibility and Usability
- Responsive Web Design Best Practices
- Introduction to CSS Frameworks
- Responsive Web Design with Bootstrap
- Responsive Web Design with Foundation

- Responsive Web Design with Flexbox
- Responsive Web Design with Grid
- Introduction to JavaScript and jQuery
- Creating Responsive Navigation Menus
- Responsive Web Design for E-Commerce
- Building Responsive Landing Pages
- Responsive Web Design Project