



Salesforce Lightning Web Components

Course Overview

Lightning web components are custom elements built using HTML and modern JavaScript. In this course, candidate will learn how to program Lightning Web Components with mark-up, JavaScript, CSS, Apex, and the Salesforce Lightning Design System (SLDS). This complete course provides in-depth overview of new Lightning Web Component programming with a lot of attention towards an existing understanding of Aura components onto the concepts that exist in the new framework programming model. Ready to learn more.. Check out with our Introduction session and Expert faculty.

Who should learn the course?

- Salesforce developer
- Software developers
- Web application developers
- Those who want to produce custom Lightning web components and applications

Prerequisite

This Salesforce lightning certification training course does not presume or require any prior knowledge or prerequisites. However, basic knowledge of salesforce concepts is added advantageous.

We are recommending that students should have the following:

- Basic programming skill
- Basic knowledge of JavaScript, styling mark-up with CSS and HTML5
- Experience in developing Salesforce applications

Lightning Web Component Development online training curriculum

HTML Templates

- Data Binding
- Handle User Input
- Use Getters to Compute a Value
- Render Lists
- Render HTML Conditionally
- Render Multiple Templates

CSS

- CSS Scoping Examples
- CSS Support and Performance Impact

Composition

- Set a property on a child component
- Call a method on a child component

- Pass mark-up into slots
- Query selector
- Compose components using slots vs data
- Shadow DOM

Reactivity

- Public Property Reactivity
- Field Reactivity
- Reactive Data types

Fields, Properties, and Attributes

- JavaScript Property Names
- Boolean Properties
- Access HTML Global Attributes in JavaScript
- Reflect JavaScript Properties to HTML Attributes
- Manage Attribute Dependencies in a Getter
- Getters and Setters

Events

- Handle Events
- Create and Dispatch Events
- Pass Data in Events
- Get an Event Target
- Configure Event Propagation

Component Lifecycle

- Lifecycle Flow
- constructor()
- connected Call-back()
- disconnected Call-back()
- render()
- rendered Call-back()
- error Call-back(error, stack)

➤ **Share JavaScript Code**

➤ **Third Party Libraries**

Accessibility

- Focus
- Accessibility Attributes

Unit Tests

- Install Jest
- Configure Your Project to Use Jest
- Run Tests
- Component Directory Structure

- Write a Basic Test
- Test Asynchronous DOM Updates

Reference

- Component Bundles
- JavaScript Decorators
- HTML Template Directives
- **Lightning Web Components**
- **Supported Browsers**
- **Supported JavaScript**
- **Supported Salesforce Experiences and Tools**
- **Lightning Component Library**
- **How to Choose Lightning Web Components or Aura**
- **Set Up Your Development Environment**
- **Development Workflows**
- **Explore sample code**

Delivery Methodology

- We are using an experiential delivering methodology that blends theoretical concepts with hands-on practical learning to ensure a holistic understanding of the subject or course

Class Delivery

- Live Interactive classes with expert