Fast Lane

Program Lightning Web Components (DEX602)

ID DEX602   **Price** CHF 3,990.—(excl. VAT)   **Duration** 5 days

Who should attend

Programming Lightning Web Components is ideal for independent software vendors (ISVs) and web application developers who want to produce custom Lightning web components and applications that run in multiple Salesforce Experiences.

Course Objectives

- Develop Lightning web components for use in many Salesforce Experiences
- Work in a modern Salesforce development environment using Visual Studio Code, Git, and the Salesforce CLI in conjunction with a Dev Hub and scratch orgs
- Communicate between Lightning web components using custom events, public methods, and pub-sub
- Read and write Salesforce data using wire service and imperative Apex
- Style Lightning web components with CSS and SLDS
- Build advanced components using service components, localization, third-party JavaScript, and external APIs
- Create forms using standard components and custom controls
- Develop in a source-tracked org and deploy to non source-tracked orgs

Course Content

Introduction

- Introducing the Course

Introducing Lightning Web Components

- The Lightning Web Components Model
- Creating Lightning Web Components
- Styling Components
- Defining Component Properties
- Handling DOM Events
- Debugging Lightning Web Components
- Working with Salesforce Data
- Using Base Lightning Components
- Raising and Handling Events
- Advanced Communication Between Components

Surfacing Lightning Web Components

- Building Lightning Pages with Components and App Builder
- Building Components for Lightning Experience Record Pages
- Surfacing Lightning Web Components
- Overriding Standard Actions
- Defining a Lightning Application
- Using Lightning in Visualforce Pages with Lightning Out
- Other Supported Experiences

Implementing Navigation and Layouts

- Using lightning-vertical-navigation
- Using lightning-datatable
- Implementing Button Groups
- Building Responsive Layouts

Building Advanced Components

- Creating a Custom, Responsive Datatable
- Defining Public Functions on Components
- Service Components and Toast Notifications
- Slots and Modal Notifications
- Localization
- Renderers and Third-Party JS

Working with Data

- Implementing Forms
- Implementing Forms with Custom Controls
- Validating Input Data
- Viewing and Editing Salesforce Records
- Waiting for Server Requests to Complete

Working with Source-Tracked Orgs

- Org Development Model and Deployments

Testing Lightning Web Components with Jest

Lightning Web Components for Aura Developers

Training Centres worldwide

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