**Salesforce Development course content**

**Course Duration: 45 Hrs**

**1. Introduction to oops concepts**

**2. MVC Architecture:**

* Model
* View
* Controller

**3. Apex Programming Overview:**

* CSS Introduction

**4. JavaScript Introduction:**

* Internal
* External

**5. Static Resources:**

* Adding External CSS files to the static resources
* <apex: stylesheet/>
* Adding External Javascript files to the static resources
* <apex:includescript/>

**6. Apex Class Creation – Calling**

* Defining Class
* Access Specifiers
* Method Declarations
* Debugging results
* Naming conventions & Code Commenting

**7. Data Types:**

* Primitives
* Collections (List, Set and Map)
* Subject

**8. Controllers:**

**Standard Controller**

* Record setvar

**Custom Controller**

* SOQL Query – Query data with SOQL and place them on Pages
* Custom Save Functionality
* With Sharing class Vs. without Sharing Class
* User mode Execution Vs. System mode Execution

**Extensions**

* Save - Standard controller with extension sample

**9. Wrapper Classes:**

* Display multi object data
* Adding check boxes to the data and perform related operations

**View State:**

* Inner Queries & Relational Queries

**10. Triggers:**

* Trigger Events
* Trigger Overview
* Defining Triggers in Salesforce

**Trigger Context variables**

**11. Ajax Components & its related components:**

* Action Function
* Action Support
* Action Region
* Action Pollar
* Action Status
* Rerender
* Render
* Facet
* Outputpanel

**12. Packages:**

* Package Overview
* Defining packages
* Package Types

1. Managed
2. Unmanaged

* Managed Vs Unmanaged Packages

**13. Force.com Sites – Public website Building:**

* Building public websites for the external Users

**15. Batch Apex:**

* Batch apex Use and its Methods

**16. Scheduling Apex:**

* Scheduling apex Use and its Methods
* Limitations

**17. Different sandboxes:**

* Sandbox Vs. Production Environments
* Change sets
* Limitations

**What is a Salesforce Developer?**

Salesforce Developer is one of the most demanding skills in Salesforce industries. A developer is a programmer who builds applications for business. Salesforce Developers are ones who used to write the code on the Salesforce platform using Apex, JavaScript, Aura, and Lightning Web Components.

**Salesforce Developer Roles and Responsibilities**

What does a Salesforce developer do? The Roles and Responsibilities of a Developer are to understand the platform’s out-of-the-box functionality and then customize the application based on client requirements using coding or configurations. These developers use tools such as Apex, Visualforce, Aura, and Lightning Component in order to develop apps.

**Roles of a Salesforce Developer Jobs**

Here are list of responsibilities for the developer job description.

* **Business Requirement**: The developer needs to support business requirements with out-of-the-box functionality.
* **Solution**: Should be able to provide customized solutions using the Salesforce platform.
* **Analytical skills**: Should handle requirement gatherings and produce functional analysis.
* **Communicate**: The developer should communicate well with project managers, clients, and architects to ensure efficient participation in the software development life cycle.
* **Troubleshoot**: You should be able to troubleshoot any bugs in the system.
* **Time Management**: Able to understand the [Salesforce Agile implementation](https://www.apexhours.com/salesforce-agile-implementation/" \t "_blank) and should follow various timelines and development goals.

**Salesforce Developer Responsibilities**

Here are some of the responsibilities in a developer job are as follows:

* **Development**: The Salesforce Developer is responsible for application development and helping the team.
* **Team Building**: As a Senior developer, they are responsible for giving training to junior developers.
* **Maintenance**: They are responsible for maintaining the already existing applications and upgrading the application.