

## About IntelliPaat

IntelliPaat is a fast-growing professional training provider that is offering training in over 150 most sought-after tools and technologies. We have a learner base of 600,000 in over 32 countries and growing. For job assistance and placement we have direct tie-ups with 80+ MNCs.

### Key Features of IntelliPaat Training:

 <p><b>Instructor Led Training</b></p> <p>20 Hrs of highly interactive instructor led training</p>	 <p><b>Self-Paced Training</b></p> <p>20 Hrs of Self-Paced sessions with Lifetime access</p>	 <p><b>Exercise and project work</b></p> <p>40 Hrs of real-time projects after every module</p>	 <p><b>Lifetime Access</b></p> <p>Lifetime access and free upgrade to latest version</p>
 <p><b>Support</b></p> <p>Lifetime 24*7 technical support and query resolution</p>	 <p><b>Get Certified</b></p> <p>Get global industry recognized certifications</p>	 <p><b>Job Assistance</b></p> <p>Job assistance through 80+ corporate tie-ups</p>	 <p><b>Flexi Scheduling</b></p> <p>Attend multiple batches for lifetime &amp; stay updated.</p>

## About the Course

This Salesforce Developer Training course will make you proficient in working with the advanced Salesforce components. It includes the Salesforce MVC architecture, the object query language, JavaScript, understanding the Developer Console, working with Apex data types, Apex scheduling and Triggers, components of Ajax, custom and standard controllers. You will get in-depth training for the Salesforce Developer Certification.

 <p><b>Instructor Led</b> Duration – 20 Hrs Weekend Batch –3 Hrs/Session</p>	 <p><b>Self Paced</b> Duration – 20 Hrs</p>
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## Why take this Course?

Salesforce is the most widely used CRM platform with over 70% of the Fortune 500 companies already benefiting from its deployment. This training will provide you with the right skill sets needed to be a successful Salesforce developer. This Salesforce Developer Certification training can help you apply for the best jobs in the CRM domain.

- ❖ Worldwide CRM software market totaled \$26.3 billion in 2015 – Gartner
- ❖ Salesforce is the undisputed market leader in CRM growing faster than the market – Forbes
- ❖ Salesforce Developer Consultant in the United States can earn \$117,000 – indeed.com

## Course Content

### Salesforce Developer Course content

Module /Topic
<b>MVC Architecture of Salesforce</b> <ul style="list-style-type: none"><li>❖ Introduction to Salesforce</li><li>❖ Understanding the MVC Architecture</li><li>❖ Overview of Salesforce 501</li><li>❖ The Visualforce MVC Model</li><li>❖ Defining Collections, Sets, declaring a Set and using in Operation</li><li>❖ List method in Salesforce and understanding Map</li></ul>
<b>Introduction to JavaScript</b> <ul style="list-style-type: none"><li>❖ Using JavaScript in Visualforce pages</li><li>❖ Deploying Salesforce Object Query Language</li><li>❖ Using Query Editor for editing queries</li><li>❖ Working with Iterators on multiple objects, generating a Query</li></ul>
<b>Salesforce Apex Data</b> <ul style="list-style-type: none"><li>❖ Understanding the Salesforce Apex language, Apex Data Types</li><li>❖ Introduction to Apex Triggers, the importance of Triggers</li><li>❖ Trigger – before and after use cases, types of Triggers, the Trigger operations</li><li>❖ Understanding the Trigger context, writing Triggers</li><li>❖ Generating error messages, old and new Trigger</li></ul>

## Triggers Overview

- ❖ The various scenarios in which Triggers can be fired
- ❖ Understanding Insert Trigger, Update Trigger
- ❖ Working with After Update & After Insert Trigger
- ❖ The relationship between Accounts, Contacts & Opportunities in Salesforce
- ❖ Updating account records, mapping account IDs
- ❖ Comparing Trigger.newmap and Trigger.oldmap

## Introduction to Wrapper Classes

- ❖ Understanding Salesforce Wrapper Classes
- ❖ Various Class methods and data structures
- ❖ Properties of Wrapper Classes
- ❖ The test classes in Salesforce, executing Apex Class

## Understanding Developer Console

- ❖ Introduction to Salesforce Developer Console
- ❖ IDE for creating, testing and debugging applications
- ❖ Checking and executing Salesforce Test Classes
- ❖ Making changes in Classes, working with Eclipse platform and Plugin
- ❖ Scheduling a custom-level class

## Apex Scheduling

- ❖ Scheduling Apex Classes using Apex Scheduler
- ❖ Writing Apex Classes that implement Schedulable Interface
- ❖ Monitoring and stopping execution of Scheduled Apex Jobs
- ❖ Understanding the concept of Visualforce Pages.

## Standard/Custom Controller

- ❖ Understanding of Standard and Custom Controllers in Salesforce
- ❖ The concepts and differences between the two
- ❖ Working with Standard Controller, validation rules, and controller actions
- ❖ Building a Custom Controller
- ❖ Designing a new Visualforce Page and Account
- ❖ HTML Tags in Salesforce
- ❖ Learning Apex programming

## Understanding Standard Controller

- ❖ Deep dive into Standard Controllers
- ❖ Learning about Salesforce Objects – Standard and Custom Objects
- ❖ Creation of new Apex Page in accounts using programming
- ❖ Extending the controllers
- ❖ Understanding Debug and Apex Debug Log
- ❖ The Apex: param Tag, Output Link, and Apex: command Link
- ❖ Defining the Rendered Function

## Exception Handling in Apex

- ❖ Understanding how to handle error exceptions in coding
- ❖ Working with Standard & Custom Objects, setting up Master-Detail relationship
- ❖ Designing Custom Controller with coding
- ❖ Creating Wrappers, statement updating
- ❖ Understanding the Try and Catch function for exception handling in Apex

## Introduction to Ajax Components

- ❖ Understanding the Ajax components
- ❖ The various options in Visualforce Pages, inline Visualforce page
- ❖ Inserting buttons and links, deploying Custom Label for alert messages, page loading
- ❖ Introduction to Triggers, custom fields and custom settings, data access from internal & external memory, coding best practices
- ❖ Understanding Declaration & Initialization, understanding Nullified Triggers, Apex Transactions

## Usage of Batch Apex

- ❖ Introduction to Salesforce Batch Apex concept, defining the Batch Apex
- ❖ Command Button and Apex Output Link
- ❖ The significance of Batch Apex for working with a large number of records
- ❖ The important steps, start, execute and finish
- ❖ Understanding Dynamic Query and Query Locator, calling an Apex Batch
- ❖ Studying the Try Catch Finish Method
- ❖ Understanding the Synchronous and Asynchronous transactions, Style Tag
- ❖ Deploying JavaScript in Visualforce Page, value passing from one Visualforce Page to another

## Salesforce Lighting:

Salesforce Lightning collection of tools and technologies, modern user interfaces for speed optimization, Lightning Experience, building reusable components to customize Lightning Experience, Salesforce1 Mobile App.

Module /Topic
<p><b>Salesforce1 Lightning Process Builder</b></p> <ul style="list-style-type: none"> <li>❖ Introduction to Salesforce1, action layouts for Salesforce1</li> <li>❖ Lightning Process Builder, creating a process using visual layout</li> <li>❖ Create the whole process rather than using multiple workflow rules</li> <li>❖ Process for working together in one UI for different users</li> </ul>
<p><b>Salesforce Account Sign-up</b></p> <ul style="list-style-type: none"> <li>❖ Two types of free accounts, lifetime free developer account, 30 days trial production account</li> <li>❖ Understanding how to sign up for the lifetime free developer account</li> <li>❖ Account creation at <a href="https://developer.force.com">https://developer.force.com</a>.</li> </ul>
<p><b>Salesforce Admin Sign-up</b></p> <ul style="list-style-type: none"> <li>❖ Creation of custom domain in Salesforce</li> <li>❖ Defining of the custom domain name for the organization at <a href="https://&lt;myDomain&gt;.lightning.force.com">https://&lt;myDomain&gt;.lightning.force.com</a></li> <li>❖ Testing the domain, event-driven lightning framework, Aura Framework</li> <li>❖ Deploying the domain, using Developer Console</li> <li>❖ Creating Lightning Components</li> </ul>
<p><b>Using HTML and CSS style</b></p> <ul style="list-style-type: none"> <li>❖ Using CSS and HTML for styling Lightning Components</li> <li>❖ Referencing Components in Lightning App</li> <li>❖ Creating CSS file in Developer Console</li> <li>❖ Linking to Lightning Component</li> <li>❖ Uploading external style sheet to a static resource</li> </ul>
<p><b>Component Attributes</b></p> <ul style="list-style-type: none"> <li>❖ Understanding what attributes are, member variables in Apex Class, typed fields on a specific instance of a component</li> <li>❖ Referencing from within Component's markup using expression syntax</li> </ul>

<ul style="list-style-type: none"><li>❖ Making components dynamic with attributes, using aura: attribute&gt; tag to add an attribute to component or app</li></ul>
<b>Lighting Functions</b> <ul style="list-style-type: none"><li>❖ Understanding client side controller, defining functions</li><li>❖ Binding to components</li><li>❖ Passing value to functions and other JavaScript based operations</li><li>❖ Defining attribute in the application, referencing component in the application</li></ul>
<b>Composition of components</b> <ul style="list-style-type: none"><li>❖ Creating fine-grained components in larger components</li><li>❖ Fitting components together</li><li>❖ Creating simple components like c:LC and c:LC2, creating wrapper component c:wrappercomp containing simple components</li></ul>
<b>Conditional Statements</b> <ul style="list-style-type: none"><li>❖ The IF Else conditional statement, aura:if, isTrue expression</li><li>❖ Instantiating components in either its body or the Else attribute</li></ul>
<b>Value Providers</b> <ul style="list-style-type: none"><li>❖ Accessing data using Value Providers, encapsulating related value together</li><li>❖ The value providers for a components v (view) and c (controller)</li></ul>
<b>Out of the box Components</b> <ul style="list-style-type: none"><li>❖ Using out-of-the-box components for Salesforce1</li><li>❖ Lightning Experience, Lightning Apps</li><li>❖ Components belonging to different namespaces, Aura, Force, force Chatter, force Community</li><li>❖ Lightning design system styling, lightning namespace components, user interface</li></ul>
<b>Common UI and UI Namespaces</b> <ul style="list-style-type: none"><li>❖ Understanding common UI, using aura: component</li><li>❖ UI components such as UI: input and UI: output, easy handling of common UI</li><li>❖ Component styling and extension</li></ul>
<b>UI Component dynamic update</b>

- ❖ Dynamically updating UI components
- ❖ JavaScript controller actions for firing events in Lightning Component Framework
- ❖ Event declaration using aura: event tag in a .evt resource

## Event Handling

- ❖ Event-driven programming using JavaScript, Java Swing
- ❖ The component event and application event
- ❖ Writing handlers in JavaScript controller actions

## Server-side Controller

- ❖ Creating server-side controller in Apex, @Aura Enabled annotation
- ❖ Annotation to enable client and server-side access to the controlled method
- ❖ Calling a server-side controller action from a client-side controller

## Hands-on example for a server-side controller

- ❖ A real example of deploying Server side controller by pulling data from Opportunity object
- ❖ Creating Client side controller to invoke Server side controller and passing the returned value to components

## Building Lightning Applications

- ❖ Building Contact Management App on Lightning Framework
- ❖ Uploading CSS file and uploading it to static resource for referencing in application
- ❖ Creating contact Controller Apex Class
- ❖ Pulling data from contact and returning the list of contacts
- ❖ Designing User Interface by using HTML and CSS Classes provided in Bootstrap Style sheet

## Project Work

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### Project 1: Building Lightning Application

**Objective:** Building component to call client side controller function and handle data, alternate method for pulling contact details based on ID, creating component to handle the event, creating client-side controller for binding user

event and calling new Apex Controller method, adding fields to components, querying fields in the controller method and displaying on the screen.

## Project 2: Developer Console

**Objective:** This project involves working with the Salesforce Developer console. The Salesforce Developer Console is basically an integrated development environment that includes a set of tools for creating, debugging, testing and verifying of applications in Salesforce. Some of the tasks that you will be specifically working on are as below:

- ❖ Executing test classes
- ❖ Checking test class execution
- ❖ Deploying change of classes
- ❖ Learning about & deploying Eclipse
- ❖ Scheduling of a particular class

## Project 3

**Domain:** Cloud

**Objective:** Build a Lightning Component with Yelp's Search API that displays a list of businesses near a certain location

## Project 4

**Domain:** Cloud

**Objective:** Build a simple conference management app with Apex and Visualforce

## Intellipaate Job Assistance Program

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Intellipaate is offering comprehensive job assistance to all the learners who have successfully completed the training. A learner will be considered to have successfully completed the training if he/she finishes all the exercises, case studies, projects and gets a minimum of 60% marks in the Intellipaate qualifying exam.

Intellipaate has exclusive tie-ups with over 80 MNCs for placement. All the resumes of eligible candidates will be forwarded to the Intellipaate job assistance partners. Once there is a relevant opening in any of the companies, you will get a call directly for the job interview from that particular company.

### Frequently Asked Questions:

## **Q 1. What is the criterion for availing the IntelliPaat job assistance program?**

Ans. All IntelliPaat learners who have successfully completed the training post April 2017 are directly eligible for the IntelliPaat job assistance program.

## **Q 2. Which are the companies that I can get placed in?**

Ans. We have exclusive tie-ups with MNCs like **Ericsson, Cisco, Cognizant, Sony, Mu Sigma, Saint-Gobain, Standard Chartered, TCS, Genpact, Hexaware**, and more. So you have the opportunity to get placed in these top global companies.

## **Q 3. Does IntelliPaat help learners to crack the job interviews?**

Ans. IntelliPaat has an exclusive section which includes the top interview questions asked in top MNCs for most of the technologies and tools for which we provide training. Other than that our support and technical team can also help you in this regard.

## **Q 4. Do I need to have prior industry experience for getting an interview call?**

Ans. There is no need to have any prior industry experience for getting an interview call. In fact, the successful completion of the IntelliPaat certification training is equivalent to six months of industry experience. This is definitely an added advantage when you are attending an interview.

## **Q 5. What is the job location that I will get?**

Ans. IntelliPaat will try to get you a job in your same location provided such a vacancy exists in that location.

## **Q 6. Which is the domain that I will get placed in?**

Ans. Depending on the IntelliPaat certification training you have successfully completed, you will be placed in the same domain.

## **Q 7. Is there any fee for the IntelliPaat placement assistance?**

Ans. IntelliPaat does not charge any fees as part of the placement assistance program.

**Q 8. If I don't get a job in the first attempt, can I get another chance?**

Ans. Definitely, yes. Your resume will be in our database and we will circulate it to our MNC partners until you get a job. So there is no upper limit to the number of job interviews you can attend.

**Q 9. Does IntelliPaat guarantee a job through its job assistance program?**

Ans. IntelliPaat does not guarantee any job through the job assistance program. However, we will definitely offer you full assistance by circulating your resume among our affiliate partners.

**Q 10. What is the salary that I will be getting once I get the job?**

Ans. Your salary will be directly commensurate with your abilities and the prevailing industry standards.

## What makes us who we are?



*"I am completely in awe of the IntelliPaat support that came with the Salesforce training which as they promised was 24/7 and also very dependable and friendly. Due to this I got my query resolved in the shortest interval making it possible for me to learn Salesforce that much faster and better."*

*-Sanjana*



*"I especially want to talk about the Salesforce trainer quality at IntelliPaat. I found they are some of the best in the entire online training industry anywhere. Due to this the sheer experience becomes that much more professional and fruitful. Thank you IntelliPaat for such a wonderful learning opportunity. I could learn Salesforce within the stipulated time."*

*-Shanmugam*