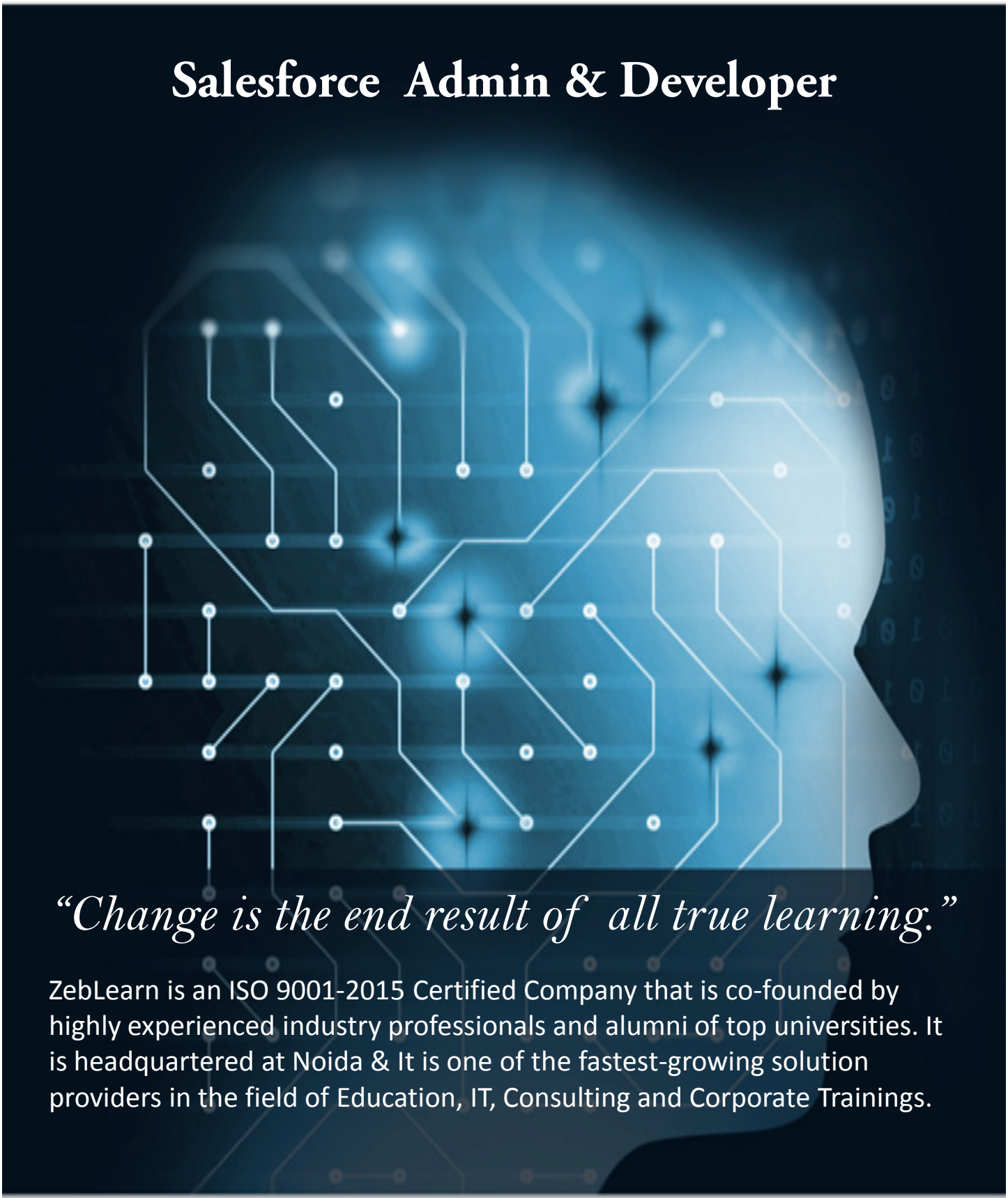
ZebLearn

Salesforce Admin & Developer



"Change is the end result of all true learning."

ZebLearn is an ISO 9001-2015 Certified Company that is co-founded by highly experienced industry professionals and alumni of top universities. It is headquartered at Noida & It is one of the fastest-growing solution providers in the field of Education, IT, Consulting and Corporate Trainings.

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Salesforce Admin Syllabus

Salesforce Fundamentals

- Introduction to Salesforce
- Overview of Salesforce, its Editions
- Home Page Customization
- User Management
- Apps Creation
- Core CRM objects Capabilities
- Declarative Customizations Boundaries
- Programmatic Customizations Use Cases

Quote Templates – Preview, Create, and Activate

- Introduction to Quote Templates
- Quote record creation, its template, and quote PDF

Field Types and Salesforce Objects

- Field types overview
- Standard fields modification
- Creation of auto-number, formula, roll-up summary, lookup & master-detail, and checkbox fields
- Creation of number, currency, and percent fields
- Creation of geolocation, phone, and email fields
- Creation of date & time fields
- Creation of text and text area fields
- Creation of URL, encrypted fields, etc.
- Salesforce objects introduction
- Components, standard objects, and its modification
- External objects and creation of custom objects

Salesforce Admin Syllabus

Creation of Custom Buttons, Link units, and Actions

- Creation of buttons, links, and actions overview
- Creation of new records with actions
- Call logging with actions
- Record updating
- Creation of custom buttons and custom links, etc.

Salesforce Workflow, Schema Builder, and Process Builder

- Overview of visual workflow, schema builder, and process builder
- Creation of visual flow
- Modification of the existing workflows
- Creation of process
- Field creation in the schema builder

Validation and Workflow Rules

- Overview of validation rules, its creation
- Creation of formulas
- Creation of error messages
- Overview of workflow rules
- Creation of Workflow rule, Field update, Task assignment, Email alert

Creation of Role Hierarchy

- Overview of the role hierarchy
- Creating-Roles, Groups, Permission Sets
- Enabling field history
- Assigning Roles to Users

Salesforce Admin Syllabus

Creation of Custom Buttons, Link units, and Actions

- Creation of buttons, links, and actions overview
- Creation of new records with actions
- Call logging with actions

Security Data Security Model

- Restricting logins
- Object access determination
- Record access configuration
- Creation of role hierarchy
- Record access exceptions

Salesforce User ProfilesPreview

- Profiles introduction
- Overview of standard profiles
- Page layouts assigning
- Settings
  - Custom app and its access
  - Tab
  - Record type
- Permissions
  - Administrative
  - General user
  - Standard object
  - Custom object
- Password guidelines
- Session timeout, hours of log in, IP ranges
- Field-level security
- Access of Apex and Visualforce

Salesforce Admin Syllabus

Salesforce Reporting and Dashboards

- Reports introduction
- Report formats
- Creation of:
  - Leads report
  - Creating contacts
  - Accounts report
  - Opportunity report
  - Charts
  - Scheduling report
  - Campaign report
  - Report formula
- Using report to add the leads to campaign
- Reports export to Excel
- Dashboards introduction
- Dashboard
  - Creation and refreshing dashboard
  - Modifying columns
  - Adding filter
  - Adding reports
  - Interfaces
- Access management
- Dynamic dashboards configuration
- Report builder activation on profiles

Data Management in Salesforce

- Data management introduction
- Importing
  - Leads
  - Contacts
  - Accounts
- Installation of data loader

Salesforce Admin Syllabus

- Mass delete
- Records
  - Importing with data loader
  - Exporting with data Loader
  - Updating with data Loader
  - Deleting with data Loader
- Addition of field to schema builder, etc.

AppExchange

- AppExchange Introduction and Overview
- Finding
  - App
  - Developer
  - Consultant

Deploying a Change Set

- Change Sets introduction and its Deployment
- Change Sets
  - Inbound
  - Outbound
- Deployment
  - Settings
  - Status
- Eclipse IDE

User Interface in Salesforce

- User Interface Introduction
  - General Options
  - Sidebar Options
  - Calendar Options
  - Name Settings
  - Setup Option

Salesforce Admin Syllabus

UI component dynamic update

- 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 controlled method, calling a server-side controller action from a client-side controller.

Hands on example of 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.

Mobile

- Describe the declarative customization options available for the Salesforce mobile application user interface.

APP DEVELOPMENT

- Describe the key milestones and considerations when managing the application lifecycle.
- Describe the differences between and considerations when using the various types of sandboxes.
- Describe the capabilities of and considerations when using change sets
- Describe the use cases of and considerations when using unmanaged packages

Salesforce Developer Syllabus

MVC Architecture of Salesforce

- Introduction to Salesforce, understanding the MVC Architecture, overview of Salesforce Platform Developer I, the Visualforce MVC Model, defining Collections, Sets, declaring a Set and using in Operation, list method in Salesforce and understanding Map.

Introduction to JavaScript

- Using JavaScript in Visualforce pages, deploying Salesforce Object Query Language, using Query Editor for editing queries, working with Iterators on multiple objects, generating a Query.

Salesforce Apex Data

- Understanding the Salesforce Apex language, Apex Data Types, introduction to Apex Triggers, importance of Triggers, Trigger – before and after use cases, types of Triggers, the Trigger operations, understanding the Trigger context, writing Triggers, generating error messages, old and new Trigger.

Triggers Overview

- The various scenarios in which Triggers can be fired, understanding Insert Trigger, Update Trigger, working with After Update & After Insert Trigger, 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.

Salesforce Developer Syllabus

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.

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.

Salesforce Lightning

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

Salesforce Developer Syllabus

Salesforce1 Lightning Process Builder

- Introduction to Salesforce1, action layouts for Salesforce1, Lightning Process Builder, creating process using visual layout, create whole process rather than using multiple workflow rules, process for working together in one UI for different users.

Salesforce Account Sign-up

- Two types of free accounts, lifetime free developer account, 30 days trial production account, understanding how to sign up for the lifetime free developer account, account creation at https://developer.force.com.

Salesforce domain Sign-up

- Creation of custom domain in Salesforce, defining of custom domain name for the organization at https://<myDomain>.lightning.force.com, testing the domain, event driven lightning framework, Aura Framework, deploying the domain, using Developer Console, creating Lightning Components.

Using HTML and CSS style

- Using CSS and HTML for styling Lightning Components, referencing Components in Lightning App, creating CSS file in Developer Console, linking to Lightning Component, uploading external style sheet to static resource.

Component attributes

- Understanding what attributes are, member variables in Apex Class, typed fields on a specific instance of a component, referencing from within Component's markup using expression syntax, making components dynamic with attributes, using aura:attribute> tag to add attribute to component or app.

Salesforce Developer Syllabus

Lightning Functions

- Understanding client side controller, defining functions, binding to components, passing value to functions and other JavaScript based operations, defining attribute in application, referencing component in application.

Composition of Components

- Creating fine-grained components in larger components, fitting components together, creating simple components like c:LC and c:LC2, creating wrapper component c:wrappercomp containing simple components.

Conditional Statements

- The IF Else conditional statement, aura:if, isTrue expression, instantiating components in either its body or the Else attribute.

Value Providers

- Accessing data using Value Providers, encapsulating related value together, the value providers for a components v (view) and c (controller).

Out of the box components

- Using out-of-the-box components for Salesforce1, Lightning Experience, Lightning Apps, components belonging to different namespaces, Aura, Force, force Chatter, force Community, lightning design system styling, lightning namespace components, user interface.

Common UI and UI namespace

- Understanding common UI, using aura:component, UI components such as ui:input and ui:output, easy handling of common UI, component styling and extension.

Salesforce Developer Syllabus

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Building Lightning Application

- 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.

Thanks you

Now or Never