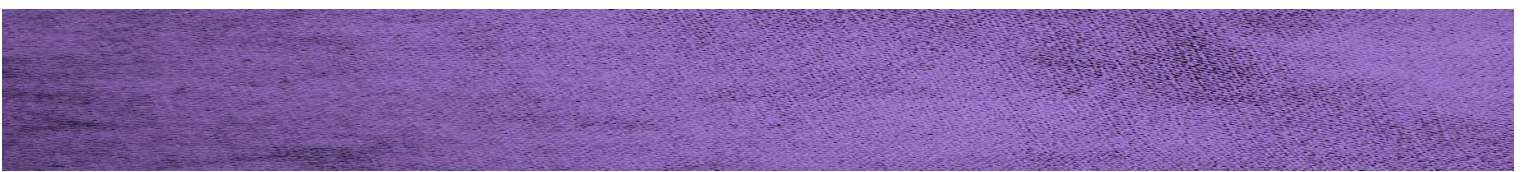# IGNITED **MINDS**

SalesForce

About Ignited Minds

IT Professionals with more than 15 years of Experience worked in highly reputed MNC across Europe, USA and APAC region. Proven track of experience in delivering End to End enterprises level solutions globally. Hands on Experience in cutting edge technologies such as CRM platform, ERP Solutions, Cloud computing, full stack Development, Database Technologies, Data Analytics, Data Mining , Artificial Intelligence, Data Science, Machine Learning , automated testing and micro services based deployments.

We stand out from others by taking care of Personal concealing to understand academic performance, initial screening, Aspirations, accessing individual strong / week areas and customized curriculum fit for each individuals. Specially designed packages so that candidates can complete training in-time bound manner for immediate start of carrier and Upscaling to next level. So Candidates can start training with minimal investment. Personally crafted syllabus comprises of basic to advanced concepts along with hundreds of sample programs with real time examples.

About Course

Are you ready to take the next step in your career by becoming a
Salesforce Certified Platform App Builder?

By covering the details around the exam objectives, this course will help hone your knowledge of Salesforce application lifecycle management and the declarative and programmatic solutions available to you through guided scenarios, lecture, and discussion.

Curriculum

APP BUILDER

Salesforce Fundamentals

- o Capabilities of core CRM objects
- o Boundaries of declarative customizations
- o Use cases for programmatic customizations

Mobile

- o Declarative customizations available for the Salesforce1 user interface

Security

- o Restricting and extending object, record, and field access
- o Determining appropriate sharing solutions

Business Logic and Process Automation

- o Record types
- o Formula fields
- o Roll-up summary fields
- o Validation rules
- o Approval processes
- o Workflow
- o Visual workflow
- o Process builder
- o Automating business processes
- o Ramifications of field updates and potential for recursion

Reporting

- o Creating reports
- o Report types
- o Dashboards

SalesForce-APP BUILDER

Data Modeling and Management

- o Determining an appropriate data model
- o Relationship types and impact on record access, user interface, and reporting
- o Considerations for changing field types
- o Considerations of the schema builder
- o Considerations for importing and exporting data
- o Use cases of external objects

App Deployment

- o Application lifecycle
- o Sandboxes
- o Change sets
- o Unmanaged and managed packages
- o Determining an appropriate deployment plan

User Interface

- o Customization options
- o Custom buttons, links, and actions
- o Declarative options for incorporating Lightning Components

Wrapping Up

- o Test preparation
- o Practice exam

SalesForce-Development

PROGRAMMATIC DEVELOPMENT USING APEX AND VISUALFORCE

Objects and Fields
- o Describe the capabilities of objects on the Force.com platform
- o Create a custom object
- o Create custom fields
- o Create relationship fields

Work Effectively with Custom Objects and Fields
- o Create formula fields
- o Create roll-up summary fields
- o Describe the capabilities of record types

Programming with Apex
- o Describe key aspects of Apex that differentiate it from other languages, such as Java and C#
- o Describe why Apex transactions and governor limits must be considered when writing Apex
- o Execute simple Apex
- o Use the sObject data type, the primitive data types, and basic control statements in Apex

Use SOQL to Query Your Org's Data
- o Write a basic query using Salesforce's query language, SOQL
- o Process the result of a query in Apex
- o Create a query dynamically at run-time

DML Essentials
- o List the differences between the ways you can invoke DML operations
- o Write Apex to invoke DML operations and handle
- o DML errors

Trigger Essentials
- o Describe what a trigger is used for
- o Describe the syntax of a trigger definition
- o Use trigger context variables

Classes
- o Describe how Apex classes are used
- o Define an Apex class
- o Determine what data an Apex class can access
- o The Save Order of Execution and Apex

Transactions
- o Describe key points in the Order of Execution
- o Describe how triggers fit into and can be impacted by the Order of Execution
- o Describe the lifecycle of an Apex Transaction
- o Describe the memory lifecycle for static variables

Testing Essentials
- o Describe Apex's testing framework
- o Create test data
- o Write and run an Apex test

Testing Strategies
- o Describe practices for writing code that is easy to maintain and extend
- o Write triggers and classes that assume batches of data as input
- o Write code that works efficiently with the database, both in querying and using DML

Strategies for Designing Efficient Apex Solutions

- o Determine your code coverage percentages
- o Create tests using best practices

Trigger Design Strategies

- o List declarative mechanisms you can use to implement complex business logic, for what types of problems they are best used, and their limitations
- o Describe ways in which you can use declarative functionality to improve your programmatic solutions

Creating Visualforce Pages

- o Create a Visualforce page
- o Reference a standard controller
- o Launch a Visualforce page using a custom button
- o Display data from a record in a Visualforce page

Exploring the View and Controller Layers of Visualforce

- o Create a Visualforce page
- o Display related data
- o Invoke standard controller actions

Working with Custom Controllers and Controller Extensions

- o Create controller extensions
- o Create a custom controller
- o Work with properties
- o Use PageReferences
- o Invoke custom methods in Visualforce pages

Working with List Controllers and SOSL Queries

- o Use a standard list controller in a Visualforce page
- o Create a SOSL query
- o Create a custom list controller

Visualforce Development Considerations
- o Determine whether a declarative solution exists for your requirements
- o Describe common governor limit issues and security concerns
- o Describe Visualforce strategies

Testing Visualforce Controllers
- o Describe how a Visualforce controller interacts with the view
- o Write tests for controller constructors
- o Write tests for action methods, getters, setters, and properties