multisoft
Systems

Salesforce Certified Platform Developer II Training

COURSE CONTENT

GET IN TOUCH

Multisoft Systems
B - 125, Sector - 2, Noida

(+91) 9810-306-956

info@multisoftsystems.com

www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Salesforce Certified Platform Developer II training offered by Multisoft Systems is designed for experienced developers looking to elevate their skills and understanding of the Salesforce platform.

Module 1: Salesforce Fundamentals

- ✓ Describe the capabilities of base-system objects such as sharing objects, history objects, metadata objects, multi-currency, and Chatter objects.
- ✓ Describe the different capabilities of and use cases for the various Salesforce development platforms (Heroku, Fuel, Lightning Platform).

Module 2: Data Modeling and Management

- ✓ Describe how to design code that accommodates multi-language, multi-currency, multi-locale considerations.
- ✓ Describe the implications of compound data types in Apex programming.
- ✓ Describe the use cases for and benefits of external IDs.
- ✓ Identify use cases for different types of custom metadata and custom settings, and describe how to implement solutions for those use cases.

Module 3: Logic and Process Automation

- ✓ Given a scenario, describe the implications of the order of execution of a record save.
- ✓ Describe the interactions between Visualforce/Apex with Flow/Process Builder.
- ✓ Given a scenario, identify the optimal programmatic or declarative solution.
- ✓ Given a scenario, debug unexpected behavior due to save execution order.
- ✓ Describe the Apex features available for error handling and maintaining transactional integrity.
- ✓ Identify potential issues with inefficient code and mitigation techniques to avoid exceeding governor limits.
- ✓ Describe the data return types for SOQL and SOSL queries and their impact on variable assignment.
- ✓ Describe the options, best practices, and use cases for asynchronous execution
- ✓ Given a scenario, identify the appropriate dynamic Apex feature.
- ✓ Given a scenario, describe when and how to use Apex managed sharing.

- ✓ Describe the use cases for the various authentication techniques.

Module 4: User Interface

- ✓ Given a scenario, describe how to use a standard set controller.
- ✓ Describe the considerations when creating custom controllers and controller extensions.
- ✓ Describe the techniques for using Visualforce to perform actions and partial page refresh.
- ✓ Describe the messaging techniques and best practices when displaying errors in user interfaces.
- ✓ Describe techniques to maximize code re-use with Visualforce.
- ✓ Describe use cases for JavaScript in a Visualforce page.
- ✓ Given a set of requirements, describe the process for designing Lightning components.

Module 5: Performance

- ✓ Describe the common performance issues for user interfaces and the techniques to mitigate them.
- ✓ Describe the considerations for query performance.

Module 6: Integration

- ✓ Describe how to expose Apex classes as SOAP and REST web services.
- ✓ Describe how to use system classes to integrate with SOAP- or REST based web services.
- ✓ Describe when and how to use metadata, streaming, and Analytics API to enhance Apex and Visualforce solutions.

Module 7: Testing

- ✓ Describe the best practices for unit testing in Apex.

- ✓ Describe how to apply different techniques to create test data and responses.
- ✓ Describe the implications of testing Visualforce controllers and controller extensions.
- ✓ Describe various ways to execute tests and specify test execution options.

Module 8: Debug and Deployment Tools

- ✓ Given a scenario, identify the appropriate tool to analyze application performance profiles and troubleshoot data and performance issues.
- ✓ Given a scenario, identify the appropriate deployment tool.