



# **Salesforce Developer Training Course**

Project Based Immersive Learning Course

## **Salesforce Developer Training Course Overview**

Sambodhi and Education Nest offer a comprehensive Salesforce Developer Training program designed to equip learners with the skills necessary to build customized applications on the Salesforce Platform. This course covers the basics of Salesforce programming, including Apex Programming, Triggers, and Building forms on the Visualforce page. Participants will gain hands-on experience through two real-time projects included in the training, allowing them to build business applications through Salesforce Programming. With industry experts as instructors, learners will have access to real-time knowledge and expertise. By completing the Salesforce Developer training, participants can take their careers to new heights and become proficient in developing applications on one of the most popular CRM platforms in the industry.

### **Benefits of Salesforce Developer Training Course:**

Sambodhi and Education Nest's Salesforce Developer Training offers professionals in the development field several benefits. This course enables learners to build customized applications on the Salesforce Platform with proficiency. By covering the basics of Salesforce programming,

learners can obtain real-time knowledge about concepts such as Apex Programming, Triggers, and building forms on the Visualforce page. Additionally, the course includes two real-time projects that provide hands-on experience in building business applications using Salesforce Programming. Salesforce Developers are in high demand globally, with top companies actively seeking professionals in this field. Enrolling in Education Nest's Salesforce Developer training can open new career opportunities for learners.

## **Who should learn?**

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The job profiles which can opt for this training are:

- Software Developers
- CRM Professional
- App Developers
- System Administrators
- Product Managers
- Sales Representatives
- IT Managers
- App Builders

## **Why do you need Salesforce Developer Training Course?**

### **Average Salary Growth:**

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According to various job websites, the average salary of a Salesforce Developer varies depending on the level of experience, location, and job role. As per the current market trend, the average salary of an entry-level Salesforce Developer is around \$70,000 to \$90,000 per year, while a mid-level developer can earn up to \$120,000 per year. Experienced professionals with more than 5 years of experience can earn up to \$150,000 per year.

## **Industries:**

Salesforce Developers are in high demand across various industries and MNCs. The Salesforce Platform is widely used by more than 2,00,000 companies worldwide, creating a huge demand for skilled professionals in this field. Top companies such as Amazon, IBM, and Deloitte are actively recruiting Salesforce Developers, with a high demand for experienced professionals who can build customized applications on the Salesforce Platform.

## **Position in Market:**

According to various employment and job research websites, the demand for Salesforce Developers is projected to grow significantly in the coming years. The job outlook for Salesforce Developers is projected to increase by 26% from 2021 to 2029, which is much faster than the average for all occupations. Forbes.com predicts that Salesforce's market share in the CRM industry is expected to rise and reach approximately 24.6% by the end of 2021.

## **Designations:**

- Salesforce Developer
- Salesforce Administrator
- Salesforce Consultant
- Salesforce Architect

## **Why Apache Salesforce Developer Course from Education Nest**

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**

- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

### **Key Skills Covered:**

- Salesforce overview
- Sales and service cloud
- Quote templates
- Salesforce objects
- Field types
- Validation and workflow rules
- Lightning components
- Security controls
- Profiles Chatter reports and dashboards
- Data management
- User interface
- Application lifecycles

## **Salesforce Developer Training Course Syllabus**

### **Module 1: Introduction to Cloud Computing and SFDC**

- Service and Deployment models in the Cloud
- Market situation
- Cloud Ownership
- Introduction to SF1 and Force.com Platform
- Declarative & Programmatic Options in Force.com

- Meta-data Driven Architecture
- Multi-tenant Architecture
- Business and IT benefits
- Application Development Tools in Salesforce
- AppExchange as Application Development Strategy
- Finding and Navigating Salesforce Documentation
- Understanding Salesforce Trust

## **Module 2: Working on Custom Objects and Fields**

- Standard and Custom objects
- Custom fields
- Relationship fields
- Formula fields
- Roll-up summary fields
- Junction Object
- Workflows and Process Builder

## **Module 3: Data Management in SFDC**

- Data Management in Salesforce
- Data Import Wizard and Data Loader
- Import Data
- Export Data
- Data export wizard

## **Module 4: Introduction to APEX Programming**

- APEX Introduction
- APEX Classes and Triggers
- Apex Development Process
- Apex Development tools
- Using Force.com IDE and Developer Console
- Apex Governor Limits

## **Module 5: Data Types and Logic Control Statements in APEX**

- Overview of Apex Data Types
- Primitive Data Types
- sObject Data Types
- Enum Data Types
- Collections Data Types
- Apex Operators
- Apex Control Statements
- Executing Apex Programs

## **Module 6: APEX Classes**

- Apex Classes
- Access Modifiers
- Apex Class Constructors
- Apex Class Variables and Methods
- Inheritance, Sharing, and Interface
- 'This' keyword
- Accessing Apex Class
- System Classes and Methods

## **Module 7: sObject Relationships, Implementing SOQL and SOSL**

### **Queries**

- Standard Object and Field API Names
- Relationships in Apex
- SOQL Function, SOQL Bindings and SOQL For Loops
- Processing SOQL Query Output
- Dynamic Query Creation
- Relationship Query and its Types
- SOSL Query and its Implementation
- SOQL vs SOSL

## **Module 8: Data Manipulation Language**

- Data Manipulation Language
- Loops in DML
- Database.DML Options
- Transaction Control
- Ways to invoke DML Operations
- Invoking DML Operations
- Handling DML Errors

## **Module 9: Trigger in APEX and APEX Transaction**

- Apex Triggers and its Types
- The Save order of Execution
- Trigger Syntax and Events
- Trigger Context Variables
- Recursion in Triggers
- Bulk Field Triggers
- Trigger Helper Class Pattern
- Lifecycle of Apex Transaction
- Memory Cycle for Static Apex Variables

## **Module 10: Exception Handling and Debugging in APEX**

- Exceptions
- Exception Statements
- System-Defined Exception
- Exception Methods
- Catching Different Exception Types
- Custom or User-Defined Exception Handling
- Debugging Using Debug Logs
- Anonymous Blocks - Another Debugging Tool

## **Module 11: Testing Essentials and Design Strategies**

- Apex Testing Framework
- Write and run Apex Tests
- Create Tests data
- Running Test Units
- Developer Console
- Force.com IDE
- Testing Best Practices
- Batch Testing
- Efficient test code for DML and Query
- Code Coverage

## **Module 12: Deployment Strategies and Visualforce Pages**

- Application Development Lifecycle
- Different Development Environments
- Deployment - Migration of Applications and Components
- Best Practices for Deployment
- Introduction to Visualforce
- Creating Visualforce Page
- Launch Visualforce Page using Custom Button
- Fetching Records in a Visualforce Page
- Visualforce Best Practices
- Visualforce Governor Limits and Security Concerns
- Visualforce Strategies

## **Module 13: Working with Controllers and Controller Extensions**

- Controller Architecture
- Controller Methods
- Standard Controllers
- Custom Controllers
- Visualforce Controllers



- Controller Extension
- Controller Constructors
- Deploying Controllers
- Testing Controllers
- Security Concerns in Controllers and Visualforce
- Controller and Visualforce Integration
- Page References
- Action Methods, Getters, Setters and Properties

## **Module 14: Lightning Framework**

- Overview of Salesforce Lightning
- Lightning Component Framework Structure
- Benefits of Using Lightning Component Framework

## **Career Support**

### **Profile Building:**

At Sambodhi and Education Nest, we provide the services of experienced professionals who can offer personalized assistance in crafting your CV and online profiles. They take into account your unique educational and experiential background, ensuring that your job application stands out from the rest.

### **Interview Preparation:**

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

## **Job Referrals:**

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

## **Continuous Support:**

At Sambodhi and Education Nest, we provide ongoing support to our learners for as long as they need it. Many of our learners have received multiple job offers and promising employment opportunities as a result of the skills they acquire during our program.