

Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450)

Duration: 40.00 hours (5 days)

32.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Learn how to customize and design applications programmatically on the Salesforce Platform. In this 5-day class, our platform experts will introduce you to Apex (Salesforce's programming language) and Visualforce markup, so you can customize your Salesforce applications using code and explore how Apex interacts with declarative customizations on the platform. Learn how to retrieve, manipulate, and store data programmatically in data objects (sObjects), write and test custom logic, write Visualforce pages to customize your user interface, and deploy your solutions to another environment. Get an overview of the declarative automation tools available on the platform and a brief introduction to the Lightning Component framework. Plus, explore the nuances of working on a multi-tenant platform so you can extend the platform to meet business demands.

About This Course

Learn how to customize and design applications programmatically on the Salesforce Platform. In this 5-day class, our platform experts will introduce you to Apex (Salesforce's programming language) and Visualforce markup, so you can customize your Salesforce applications using code and explore how Apex interacts with declarative customizations on the platform. Learn how to retrieve, manipulate, and store data programmatically in data objects (sObjects), write and test custom logic, write Visualforce pages to customize your user interface, and deploy your solutions to another environment. Get an overview of the declarative automation tools available on the platform and a brief introduction to the Lightning Component framework. Plus, explore the nuances of working on a multi-tenant platform so you can extend the platform to meet business demands.

Who Should Attend

This course is designed for programmatic developers looking to write programmatic customizations to both business logic and UI layers using Apex and Visualforce. You should have a good understanding of core object-oriented programming concepts and experience building declarative solutions on the Salesforce Platform. This course is also a great foundation builder if you're looking to earn your Salesforce Platform Developer I credential.

IMPORTANT: Students are expected to follow the steps detailed in the Computer Set-up Guide for this class if you'll be using your own computer when attending a virtual or in-person class.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Learn modern tools for developing on the Salesforce Platform using Visual Studio Code, the Salesforce Extension Pack, and the Salesforce CLI.

Write business logic customizations using Apex triggers and classes; those customizations will use SOQL and DML.

Design programmatic solutions that take advantage of declarative customizations.

Describe how your trigger code works within the basics of the Save Order of Execution.

Describe some of the fundamental aspects of designing programs on a multi-tenant platform.

Write Visualforce markup and code to customize the user interface.

Use the built-in testing framework to test Apex and Visualforce.

Additional Course Details

Nexus Humans Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 5-day Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450)?

Yes, we provide corporate training, dedicated training, and closed classes for Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:


- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Salesforce Build Applications Programmatically on the Salesforce Platform (DEX450) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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