



VIRTUAL INTERNSHIP PROGRAM - 2023

An initiative to help Young Minds of India build their Careers in
Salesforce Ecosystem

Salesforce Developer - Handbook

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Introduction

Salesforce is the world's #1 **CRM** (Customer Relationship Management) where it unites Marketing, Sales, Commerce, IT etc teams to their customers to deliver a better service. We are determined to teach this emerging Technology in a very realistic and fun way. We have organized the challenges in such a way that the learner will be able to learn salesforce in a very enthusiastic and fun way with a limited time participation.

This program consists of live sessions, Hands-on practical activities, Mentoring support and working on super badges on Trailhead platform.

In order to help all beginners understand the salesforce ecosystem and its products, we have curated a few best modules on the trailhead platform that will help you to get ready for the Bootcamp.

Suggested Prerequisites

This section is to provide the candidates with a quick look at the salesforce environment. Though this section is not mandatory, we highly recommend the candidates go through the below-mentioned modules. You will be very well acquainted with the platform and also with the usage of Trailhead from the very beginning. (Recommended for beginners).

- Salesforce user basics
https://trailhead.salesforce.com/content/learn/modules/lex_salesforce_basics?trailmix_creator_id=vmehta12&trailmix_slug=what-is-salesforce
- Salesforce quick look
<https://trailhead.salesforce.com/content/learn/modules/salesforce-quick-look-1>
- Salesforce CRM
https://trailhead.salesforce.com/content/learn/modules/lex_implementation_basics?trailmix_creator_id=vmehta12&trailmix_slug=what-is-salesforce
- Salesforce Platform For Business Users
https://trailhead.salesforce.com/content/learn/modules/starting_force_com
- Salesforce User Tour
https://trailhead.salesforce.com/content/learn/modules/lex_salesforce_tour?trailmix_creator_id=jgeddes&trailmix_slug=what-is-salesforce
- Salesforce Licensing
https://trailhead.salesforce.com/content/learn/modules/salesforce-licensing?trailmix_creator_id=jgeddes&trailmix_slug=what-is-salesforce
- Lightning Experience Basics
https://trailhead.salesforce.com/content/learn/modules/lex_migration_introduction?trailmix_creator_id=jgeddes&trailmix_slug=what-is-salesforce
- Salesforce Customer 360: Quick Look
<https://trailhead.salesforce.com/content/learn/modules/salesforce-customer-360>

- The fourth Industrial Revolution: Quick look
https://trailhead.salesforce.com/en/content/learn/modules/the-fourth-industrial-revolution-quick-look?trail_id=salesforce_advantage
- Salesforce Developer career Path
<https://trailhead.salesforce.com/en/career-path/developer/>
- Trailhead and Trailblazer Community
https://trailhead.salesforce.com/en/content/learn/trails/learn_salesforce_with_trailhead?trailmix_creator_id=strailhead&trailmix_slug=get-started-with-trailhead-end-user

Bootcamp

Live Hands-on sessions will be organized for 2 Weeks everyday until the first 10 Days with 2 Hrs each session. Learners need to complete the self-paced courses on the Trailhead platform parallelly along with the Technical sessions. The Day wise content and references to complete trailhead modules are given below:

| Date/time | Session type /zoom link | Content | Hrs |
|--------------------------------|---|--|-----|
| Instructor Led Training | | | |
| 23-Aug-2023 | Instructor-Led Training-1 | <ul style="list-style-type: none"> •Introduction to Salesforce •What is Salesforce CRM? •Setup a free developer account in Salesforce? •Architecture of Salesforce •Creating a FREE Salesforce Org | 2 |
| 24-Aug-2023 | Instructor-Led Training-2 | <ul style="list-style-type: none"> •Navigating the Salesforce User Interface •Lightning vs Classic Salesforce Interface •Salesforce Branding and UI Customization •Density Settings •User Navigation Bar Customization •Salesforce Themes and Branding | 2 |
| 25-Aug-2023 | Instructor-Led Training-3 | <ul style="list-style-type: none"> •Company Profile •User Management •Organizational & User Setup •Object Relationships •Process automation overview •Workflow Rules & Actions •Validation Rules | 2 |

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| 28-Aug-2023 | Instructor-Led Training-4 | <ul style="list-style-type: none"> •Salesforce Security Overview •Organizational Security Settings •Organizational Wide Defaults •Record Ownership •Role Hierarchies •Sharing rules •Manual Sharing | 2 |
| 29-Aug-2023 | Instructor-Led Training-5 | <ul style="list-style-type: none"> •Approval Processes •Process Builder Overview •Creating a Process Builder Process •Process Builder Actions •Process Builder in Practice •Introduction To Flow Builder •Introduction To Flows •Types Of Flows <ul style="list-style-type: none"> a)Screen Flow b)Auto launched Flow c)Record Triggered Flow d)Platform Event -Triggered Flow e)Schedule-Triggered Flow | 2 |
| 30-Aug-2023 | Instructor-Led Training-6 | <ul style="list-style-type: none"> •Object Permissions and Record Access •User Profiles & Permissions •Salesforce Security Section Questions •Developer Console Basics" | 2 |
| 31-Aug-2023 | Instructor-Led Training-7 | <ul style="list-style-type: none"> •Apex Basics & Database •What is Apex •Apex Data Types •SOQL •SOSL •Triggers | 2 |
| 01-Sep-2023 | Instructor-Led Training-8 | <ul style="list-style-type: none"> •Testing Deployment Requirement and Testing Framework •Write Apex Unit Tests •Test Data •Execute Test Classes •Invoking Apex in Execute Anonymous vs. Unit | 2 |

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| | | Tests •Monitor and Access Debug Logs" | |
| 04-Sep-2023 | Instructor-Led Training-9 | •Basics Of LWC •Use Lightning Components in Lightning Experience | 2 |
| 05-Sep-2023 | Instructor-Led Training-10 | •REST API •SOAP API | 2 |
| Ask a Mentor Session (AMA) | | | |
| 06-Sep-2023 | Mentor Session-1 | SuperBadge Program Security : Quick look Built a discount Approval Process | 1 |
| 07-Sep-2023 | Mentor Session-2 | Approval Process Management Superbadge Unit | 1 |
| 08-Sep-2023 | Talk with MVP -1 | MVP is an acronym for “Most Valuable Professional” in this context. The Salesforce MVP program was introduced to thank individuals who demonstrate exceptional leadership qualities and share their expertise over trailblazer community and community events | 1 |
| 11-Sep-2023 | Mentor Session-3 | Approval Process Management Superbadge Unit | 1 |
| 12-Sep-2023 | Mentor Session-4 | Approval Process Troubleshooting Superbadge Unit | 1 |
| 13-Sep-2023 | Mentor Session-5 | Approval Process Troubleshooting Superbadge Unit | 1 |
| 14-Sep-2023 | Mentor Session-6 | Approval Process Troubleshooting Superbadge Unit | 1 |
| 15-Sep-2023 | Talk with MVP -2 | MVP is an acronym for “Most Valuable Professional” in this context. The Salesforce MVP program was introduced to thank | 1 |

| | | | |
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| | | individuals who demonstrate exceptional leadership qualities and share their expertise over trailblazer community and community events | |
| 19-Sep-2023 | Mentor Session-7 | Approval Process Specialist Superbadge | 1 |
| 20-Sep-2023 | Mentor Session-8 | Approval Process Specialist Superbadge | 1 |
| 21-Sep-2023 | Mentor Session-9 | Flow builder Basics | 1 |
| 22-Sep-2023 | Mentor Session-10 | Data and Actions in Flows | 1 |
| 25-Sep-2023 | Mentor Session-11 | Flow Builder Logic | 1 |
| 26-Sep-2023 | Mentor Session-12 | Flow Builder Logic | 1 |
| 27-Sep-2023 | Mentor Session-13 | Flow Fundamentals Superbadge Unit | 1 |
| 28-Sep-2023 | Mentor Session-14 | Flow Fundamentals Superbadge Unit | 1 |
| 29-Sep-2023 | Self Paced Learning | Build a Sample Flow | |
| 03-Oct-2023 | Mentor Session-15 | Flow Fundamentals Superbadge Unit | 1 |
| 04-Oct-2023 | Self Paced Learning | Flow Optimization Superbadge Unit | |
| 05-Oct-2023 | Mentor Session-16 | Flow Administration Superbadge Unit | 1 |
| 06-Oct-2023 | Self Paced Learning | Flow Elements and Resources Specialist Superbadge | |
| 09-Oct-2023 | Mentor Session-17 | Screen Flows | 1 |
| 10-Oct-2023 | Self Paced Learning | Screen Flow Fundamentals Superbadge Unit | |
| 11-Oct-2023 | Mentor Session-18 | Screen Flow Distribution Flow Testing: Step-by-Step | 1 |
| 12-Oct-2023 | Self Paced Learning | Screen Flow Distribution Superbadge Unit | |
| 13-Oct-2023 | Mentor Session-19 | Screen Flow Specialist Superbadge | 1 |

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| 16-Oct-2023 | Self Paced Learning | Process Automation Specialist Superbadge | |
| 17-Oct-2023 | Mentor Session-20 | Apex Trigger | 1 |
| 18-Oct-2023 | Self Paced Learning | Apex Specialist | |
| 19-Oct-2023 | Industry Use Case Development (Optional) | Student Need to choose one Guided project from the list of the project assigned from the smartinternz platfrom they need to complete the project. on the given deadline. | 1 |
| 20-Oct-2023 | Badge Verification and Certificate Generation | Badge Verification and Certificate Generation | |

Project / SuperBadges

The learner's journey is structured in such a way that, after completion of the live sessions and all trailhead courses modules, the SuperBadges are unlocked automatically. The Learner who chooses developer as his/her learning path needs to complete the following SuperBadges & Super sets. Follow the below given Trailmix to complete all the modules.

Trailmix Link:- <https://trailhead.salesforce.com/users/smartbridgesupport/trailmixes/developer>

| Logo | SuperBrade Name | Link |
|---|-------------------------------|---|
|  | Apex Specialist | https://trailhead.salesforce.com/content/learn/superbadges/superbadge_process_automation_specialist |
|  | Process Automation Specialist | https://trailhead.salesforce.com/content/learn/superbadges/superbadge_process_automation_specialist |
|  | Developer super set | https://trailhead.salesforce.com/content/learn/superbadges/superbadge_developer_superset |

Note: The learners should complete the developer super set in order to get the certificate.

Guided Projects:

We are also providing access to few real time use cases to help students work on projects to get more practical experience on the concepts learnt. Learners can enroll to the additional Guided Projects after completing the Supersets by enrolling on the website directly. This is an optional and does not effect in any way to get the completion certificate. Please find below few references of Projects that you can work on.



Ask a Mentor Sessions

After assigning the projects/Superbadges for the learners, if they face any challenge in the completion of the activities or modules, we organize expert mentoring sessions to address the queries. Learners have a total of 5 mentoring sessions that will be organized throughout the program.

Submissions

Each learner's journey and completion status is tracked through the SmartInternz platform. Learners will be asked to update the status of their work regularly to track their progress and assist accordingly.

Verification

We will verify the progress of each learner on the SmartInternz platform. It is mandatory for all the learners to complete the above prescribed course modules and super badges to fulfill.

Soft Skills Training

After the successful submission of the project/super badge, the Learners will be provided with 10 Hrs of soft skills training sessions to help learners with Interview skills, Profile building and presentation skills etc. This will benefit them during career fairs.

Superset Verification

Here the team will verify the projects/superbadges, which have been assigned to the Learners. This process will start after learning to move the activity cards in the Kanban board to the review section on the Smartinters platform.

Certificate Generation

After successful verification of your project/superbadges by our team, the team will generate the event participation certificate.

Networking Opportunities

After successful completion of the program, the final-year learners who will qualify for the eligibility criteria of the career connection/networking event will be allowed to attend such events subject to the availability of such opportunities.

FAQs

1. Do we need any prior coding knowledge?

A. For admin, the Learners don't need any coding knowledge but for development, the Learner should have basic Java programming skills.

2. How could this course help us?

A. This course helps in gaining knowledge about salesforce from scratch and the final-year Learners enrolled in this course have an opportunity to participate in a career fair.

3. What is a career fair?

A. career fair is a type of informational or recruitment/outreach event that connects recruiters and candidates in a virtual space. Attendees can learn about various organizations or sponsors and career opportunities from the comfort of their own homes, with all of the ease afforded by a virtual platform.

4. What is the Course duration?

A. The course duration is for 60 days.

5. What is the minimum educational qualification?

A. All the graduation Learners irrespective of their current year can participate in this event.

6. Is salesforce related to sales or marketing jobs?

A. No, salesforce is a technology-driven platform.

7. What are the ways to explore salesforce?

A. The best learning resource present in the market to learn salesforce is "Trailhead".

8. Do we have access to the recorded sessions?

A. Yes, we provide access to the recorded sessions.

9. Is it mandatory to maintain attendance?

A. The Learner needs to maintain a 75% attendance.

10. Can the Learner register in two paths(admin, development)?

A. No, the Learner needs to choose only one path for this program.



K.SAI TEJAS

Contact

- 6281 152 166
- ksaitejas26@gmail.com
- Hyderabad,Telangana

Education

- 2024
Engineering
CVR College Of Engineering
- 2020
Intermediate
Narayana Junior College
- 2018
School
Sri Chaitanya Olympiad

Technical Skills

- | | |
|--------------------|--------------|
| • Java | Expert |
| • CSS | Expert |
| • Java Script | Expert |
| • SQL | Expert |
| • MongoDB | Expert |
| • C | Intermediate |
| • C++ | Intermediate |
| • Angular | Intermediate |
| • Bootstrap | Intermediate |
| • React | Intermediate |
| • Python | Beginner |
| • Problem Solving | Expert |
| • Logical Thinking | Expert |
| • Adaptability | Expert |
| • Active Listening | Expert |
| • Team Work | Expert |
| • Fast Learner | Expert |
| • Work Ethics | Expert |
| • Time Management | Expert |

Profile

Seeking a job opportunity to draw upon my skills in the field of Computer Science and secure a position in a company where I can use my skills and abilities to make a contribution to the organization.

Projects

PROJECT-1

Title: Automation of Academic Results

- **Aim:** A website for viewing student results and providing communication between student, teacher and parents for queries.
- **Tools:** MongoDB, NodeJS, Html, CSS, JS, React, Block Chain Technology.
- **Description:** To view student's performance and his records and maintain all his data at one place.
- **Duration:**1 month

PROJECT-2

Title: Desktop AI Voice Assistant: Your Personal Digital Assistant

- **Aim:** To develop a desktop AI voice assistant that can perform a variety of tasks and provide assistance to users through voice commands.
- **Tools:**Python,VS Code ,Speech recognition library
- **Description:** Speech recognition library(SAPI5),microphone and speakers, and an IDE is used to write, test and debug code for the voice assistant.
- **Duration:**2 weeks

Certifications

- EPAM Java Certificate
- Java certificate by Hackerrank
- Problem solving certificate by Hackerrank
- e-box certification courses on "Advanced Java Programming" and "Java Basics"
- Participation certificate for Workshop on "Image Analysis using Python"

Interests

- Playing Cricket
- Playing Football
- Playing Basketball
- Watching movies

Languages

- English
- Telugu
- Hindi