

SALESFORCE DEVELOPER VIRTUAL INTERNSHIP

*A Summer Internship report submitted in partial fulfilment of the requirements for the award
of the degree of*

BACHELOR OF TECHNOLOGY

in

CSE - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

submitted by

**POSINA DEVI PRASAD
(20B21A4272)**

Under the Guidance of

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**DEPARTMENT OF CSE ARTIFICIAL INTELLIGENCE & MACHINE
LEARNING**

KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY

**(Approved by AICTE & Affiliated to JNTUK, Kakinada & Accredited by NAAC)
Yanam Road, Korangi, Andhra Pradesh - 533461.**

2022-2023

KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUK & Accredited by NAAC)

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DEPARTMENT OF CSE – ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



CERTIFICATE

This is to certify that the report entitled “SALESFORCE VIRTUAL INTERNSHIP”, that is being submitted by POSINA DEVI PRASAD of III Year I Semester bearing 20B21A4272, in partial fulfilment for the award of the Degree of Bachelor of Technology in Computer Science and Engineering ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, Kakinada Institute of Engineering and Technology is a record of bonafide work carried out by them.

Internal Examiner

Head of the Department

External Examiner

Student's Declaration

I POSINA DEVI PRASAD a student of BACHELOR OF TECHNOLOGY program, Reg.No.20B21A4272 of the Department of CSE(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING), KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY do hereby declare that I have completed the mandatory internship from AUGUST 2022 to OCTOBER 2022 in SALESFORCE VIRTUAL INTERNSHIP under the Faculty Guideship of Mr.S.Srinivasa rao,M.Tech, Department of CSE – ARTIFICIAL INTELLIGENCE & MACHINE LEARNING, KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY.

(Signature and Date)

COMPLETION CERTIFICATE



In Partnership With



CERTIFICATE OF COMPLETION

November 04, 2022

DEVI PRASAD POSINA

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (August-October 2022), DEVI PRASAD POSINA has completed the following Salesforce Trailhead modules

Salesforce Fundamentals
Organizational Setup
Relationship & Process Automation
Types Of Flows & Security
Apex, Testing & Debugging
VS Code Setup & CLI Setup
Lightning Web Components (LWC) & API

Super Badge - Apex Specialist
Super Badge - Process Automation Specialist

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Shri Buddha Chandraseker
Chief Coordinating Officer(CCO), NEAT
Cell-AICTE



Mr Amarender Katkam
Founder & CEO, TheSmartBridge &
SmartInternz

Official Certification

This is to certify that _____POSINA DEVI PRASAD_____ (*Name of the student*) Reg. No. ____20B21A4272____ has completed his/her Internship in _____SMART INTERNZ_____ (*Name of the Intern Organization*) on _____SALESFORCE DEVELOPE VIRTUAL INTERNSHIP_____ (*Title of the Internship*) under my supervision as a part of partial fulfilment of the requirement for the Degree of ____CSE – ARTIFICIAL INTELLIGENCE & MACHINE LEARNING_____ in the Department of _____KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY_____ (*Name of the College*).

This is accepted for evaluation.

(*Signatory with Date and Seal*)

Endorsements

Faculty Guide

Head of the Department

Principal

ACKNOWLEDGEMENTS

It gives us an immense Pleasure to express a deep sense of gratitude to our supervisor Mr.S Srinivas, Assistant Professor, Department of CSE - ARTIFICIAL INTELLIGENCE because of his whole hearted and invaluable guidance throughout the report. Without his sustained and sincere effort, this report would not have taken this shape. He encouraged and helped us to overcome various difficulties that we have faced at various stages of our report.

We would like to sincerely thank our supervisor Mr.S Srinivas, Assistant Professor for providing all the necessary facilities that led to the successful completion of our report.

We would like to sincerely thank Mr.S Srinivas, Assistant Professor & HOD, Computer Science & Engineering (AI), for providing all the necessary facilities that led to the successful completion of our report.

We would like to take this opportunity to thank our beloved Principal Shri. M.S.S.PRASAD, M.Tech, and BADE GOPINADH for providing a great support to us in completing our project and for giving us the opportunity of doing the internship report.

Finally, we would like to thank all of our friends and family members for their continuous help and encouragement.

POSINA DEVI PRASAD

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INTERNSHIP REPORT INTRODUCTION

Salesforce, is an American cloud-based software company headquartered in San Francisco, California. It provides customer relationship management (CRM) software and applications focused on sales, customer service, marketing automation, analytics, and application development.

Salesforce's products include several customer relationship management (CRM) technologies, including: Sales Cloud, Service Cloud, Marketing Cloud, and Commerce Cloud and Platform. Additional technologies include Slack, MuleSoft, Tableau Analytics, and Trailhead.

I have completed this internship program through **Smart Internz**. It has 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 consisted of live sessions, Hands-on practical activities, Mentoring support and working on super badges on **Trailhead** platform. Trailhead is a very good platform for learning Salesforce for freshers. Trailhead is Salesforce's free online learning platform to teach people how to use Salesforce. By using Trailhead, beginners can develop Salesforce skills, and advanced users can become Salesforce experts.

The Bootcamp is organized for 3 weeks where 2 Live Sessions were conducted per week with 3 Hours per session. Learners were asked to complete the self paced courses on Trailhead platform parallelly along with the boot camps.

I have completed Salesforce Developer Catalyst course through this program. And have completed all the 29 modules and the 2 super badges included in the course.

SALESFORCE DEVELOPER CATALYST

Salesforce Developer Catalyst online course is developed by Salesforce designed for individuals who want to learn everything there is, to understand about Salesforce, to become professional salesforce developers. The Salesforce Developer Catalyst online course focuses on covering basic Salesforce technology functionality utilizing several programming languages.

This course contains 29 modules and 2 super badges. Those are listed below:

Modules:

1. Trailhead and Trailblazer Community
2. Salesforce Platform Basics
3. Platform Development Basics
4. Picklist Administration
5. Duplicate Management
6. Data Modeling
7. Build a Data Model for a Travel Approval App
8. Formulas and Validations
9. Improve Data Quality for a Recruiting App
10. Customize a Salesforce Object
11. Customize the User Interface for a Recruiting App
12. Approve Records with Approval Processes
13. Lightning App Builder
14. Flow Builder
15. Automate Records with Approval Processes
16. Build a Discount Approval Process
17. Quick Start: Lightning App Builder
18. Quick Start: Process Builder
19. Data Management
20. Event Monitoring
21. Data Security
22. Keep Data Secure in a Recruiting App

- 23. Shield Platform Encryption
- 24. API Basics
- 25. Apex Triggers
- 26. Apex Testing
- 27. Asynchronous Apex
- 28. Apex Integration Services
- 29. Leads & Opportunities for Lightning Experience

Super Badges:

- 1. Apex Specialist:**
 - a. Automate record creation using Apex triggers
 - b. Synchronize Salesforce data with an external system using asynchronous REST callouts
 - c. Schedule synchronization using Apex code
 - d. Test automation logic to confirm Apex trigger side effects
 - e. Test integration logic using call out mocks
 - f. Test scheduling logic to confirm action gets queued
- 2. Process Automation Specialist:**
 - a. Automate lead ownership using assignment rules
 - b. Enforce data integrity with formula fields and validation rules
 - c. Create a custom object in a master-detail relationship to a standard object
 - d. Define an opportunity sales process using stages, record types, and validation rules
 - e. Automate business processes to send emails, create related records, and submit opportunities for approval
 - f. Create a flow to display dynamic information on a Lightning record page.
 - g. Create a process to evaluate and update records

MODULES

❖ **Trailhead and Trailblazer Community**

This module explains what Trailhead is and who it's for, what the Trailblazer Community is and who it's for.

Trailhead and the Trailblazer Community are part of one unified platform. The Trailblazer Community helps you learn relevant skills, connect with the Trailblazers, and give back. Together, Trailhead and the Trailblazer Community are your one-stop shop to learn, earn, and connect from anywhere. Whether you're an admin just starting out, a graduate fresh from college, a Salesforce user, or just someone who loves to learn.



❖ **Salesforce Platform Basics**

This module explains about the salesforce platform, DreamHouse scenario and no code (declarative) and programmatic development. And introduces us, with the platform, navigate use cases, and build custom functionality.



❖ **Platform Development Basics**

This module defines the salesforce platform and describes the kinds of apps that can be built with the platform. And introduces the tools and technologies that power development



on the salesforce platform.

❖ **Pick list Administration**

Through this module, we will be able to decide when to add a pick list field, which type of pick list is needed and learn how to create a custom pick list, manage values for pick lists and explains what happens to existing data as you change pick list values.



❖ **Duplicate Management**

This module helps us resolve and prevent duplicate records to increase user confidence in the data.



❖ **Data Modeling**

This module explains standard and custom objects, how to create object relationships and use of schema builder.



❖ **Build a Data Model for a Travel Approval App**

This module teaches how to setup a Lightning app to streamline the travel approval process.



❖ **Formulas and Validations**

This module helps us tailor our apps without writing code by using point-and-click logic. And explain show to use formula fields, implement Roll-Up summary fields, and create validation rules.



❖ **Improve Data Quality for a Recruiting App**

This module teaches us how to use rules and formulas to ensure data quality in an app.



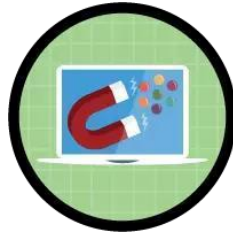
❖ **Customize a Salesforce Object**

This module teaches us how to use pick lists, filters, formulas, and other tools to customize an object in org.



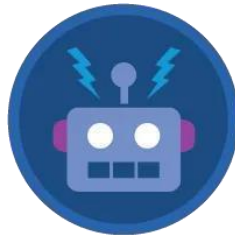
❖ **Customize the User Interface for a Recruiting App**

This module teaches us how to create tabs, quick actions, record types, and more to stream line an app user's experience.



❖ **Approve Records with Approval Processes**

This module teaches us how to customize how records get approved and how to build an approval process.



❖ **Lightning App Builder**

This module teaches us how to build custom pages for Lightning Experience quickly with point-and-click tools.



❖ **Flow Builder**

This module teaches us about flow resources and variables, how to create variable, how to add screens, logic, and actions to our flow.



❖ **Automate Business Processes for a Recruiting App**

Salesforce

This module teaches us how to create records, processes, and flows with Process Builder and Cloud Flow Designer.



❖ **Build a Discount Approval Process**

This module helps us to make it easy for your sales reps to get the approvals they need for discount offers.



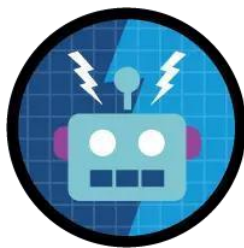
❖ **Quick Start: Lightning App Builder**

This module teaches us to Build an app for salesreps in the field. No code required.



❖ **Quick Start: Process Builder**

This module teaches us how triggering Trigger a field update when a record is edited, works.



❖ **Data Management**

This module teaches us how to import and export data in Salesforce.



❖ **Event Monitoring**

This module gives insights into your Salesforce org with this powerful monitoring feature.



❖ **Data Security**

This module teaches us how to control access to data using point-and-click security tools.



❖ **Keep Data Secure in a Recruiting App**

This module teaches how to use field - level security and permission sets to control what data users can see in an app.



❖ **Shield Platform Encryption**

This module explain show to encrypt our data at-rest in the cloud and manage the lifecycle of your encryption keys.



❖ API Basics

This module teaches the fundamentals and benefits of developing with APIs.



❖ Apex Triggers

This module teaches how to write Apex triggers to perform custom database actions.



❖ Apex Testing

This module explains about Apex unit tests, how to test apex triggers, and how to create test data for apex tests.



❖ Asynchronous Apex

This module teaches how to write more efficient Apex code with asynchronous processing.



❖ **Apex Integration Services**

Through this module we can integrate with external apps using Apex REST and SOAP services.



❖ **Leads & Opportunities for Lightning Experience**

Through this module we learn how to power our sales process with leads and opportunities in Salesforce.



SUPERBADGES

Super badges are skill-based, domain - level credentials that ask you to show your Salesforce expertise by solving complex, real - world -inspired challenges that businesses face everyday.

The two super badges are listed below

❖ **Apex Specialist**

The concepts tested in this super badge are

- Apex Triggers
- Asynchronous Apex
- Apex Integration
- Apex Testing



❖ **Process Automation Specialist**

The concepts tested in this super badge are

- Validations and Formulas
- Sales Process
- Process Builder
- Flow



ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Thursday & 09-09-2022	Live Session Content–Salesforce Org	Learned about Salesforce architecture	
Friday & 10-09-2022	Self-Paced Learning: Trailhead and Trailblazer Community	Learned about Trailhead and Trailblazer Community	
Saturday & 12-09-2022	Self-Paced Learning: Salesforce Platform Basics, Platform Development Basics	Learned about the basics of the Salesforce Platform	
Monday & 13-09-2022	Live Session Content – Relationships & Process Automation	Learned about the creation of objects and validation rules	
Tuesday & 14-09-2022	Self-Paced Learning: Customize a Salesforce Object, Data Modeling, Picklist Administration, Duplicate Management, Formulas and Validations, Build a Data Model for Travel Approval App, and Improve Data Quality for Recruiting App.	Learned in deep about objects and data in Salesforce	
Wednesday & 15-09-2022	Self-Paced Learning: Customize User Interface For Recruiting App, Lightning App Builder, Data Management, Leads and Opportunities for Lightning Experience, Quick Start Process Builder, Quick Start Lightning App Builder, Automate Business Process for Recruiting App, Build a Discount Approval Process.	Learned about how to customize user interfaces for apps	

WEEKLY REPORT WEEK-1 (From: 29-09-2022 To 05-10-2022)

The objective of the activity done: The main objective of the first week activities is to know about the salesforce platform, salesforce org, and how to complete certain modules as part of the internship.

Detailed Report:

Day-1:

Day one is a live session. In this live session, I learned about Introduction to Salesforce, Salesforce CRM, Setup a free developer account in Salesforce? the Architecture of Salesforce, creating a FREE Salesforce Org, 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, Company Profile, User Management, Organizational & User Setup.

Day-2:

On day 2 I learned about Trailhead and Trailblazer Community. Learn, earn, and connect with Trailhead and Trailblazer Community. After completing this module, I received the following badge.



Trailhead and
Trailblazer Community

Day-3:

On day 3 I learned about Salesforce Platform Basics and Platform Development Basics. Get introduced to the platform, navigate use cases, and build custom functionality. Meet the tools and technologies that power development on the Salesforce platform. After completing these modules, I received the following2 badges:



Salesforce Platform
Basics



Platform
Development Basics

Day-4:

Day four is alive session. In this live session, I learned about

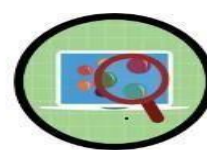
- Object Relationships
- Process automation overview
- Workflow Rules & Actions
- Validation Rules
- Approval Processes
- Process Builder Overview
- Creating a Process Builder Process
- Process Builder Actions
- Process Builder in Practice

Day-5:

On day 5 I learned about Customizing a Salesforce Object, Data Modelling, Picklist Administration, Duplicate Management, Formulas and Validations, Build a Data Model for Travel Approval App, and Improve Data Quality for Recruiting App. Use picklists, filters, formulas, and other tools to customize an object in your org. Give your data structure with objects, fields, and relationships. Choose the right picklist field for the job, manage picklists, and share picklist values. Resolve and prevent duplicate records to increase user confidence in your data. Tailor your apps without writing code by using point-and-click logic. Set up a Lightning app to streamline the travel approval process.



Formulas and
Validations



Improve Data Quality
for a Recruiting App

Use validation rules and formulas to ensure data quality in an app. After completing these modules, I received the follow



Customize a
Salesforce Object



Data Modeling



Picklist Administration



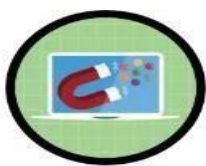
Duplicate
Management



Build a Data Model for
a Travel Approval App

Day-6:

On day 6 I learned about Customize User Interface For Recruiting App: Create tabs, quick actions, record types, and more to streamline an app user's experience, Lightning App Builder: Build custom pages for Lightning Experience quickly with point-and-click tools, Data Management: Learn how to import and export data in Salesforce, Leads and Opportunities for Lightning Experience, Quick Start Process Builder: Trigger a field update when a related record is edited. No code required, Quick Start Lightning App Builder: Build an app for sales reps in the field. No code required, Automate Business Process for Recruiting App: Create records, processes, and flows with Process Builder and Cloud Flow Designer, Build a Discount Approval Process: Make it easy for your sales reps to get the approvals they need for discount offers. After completing these modules, I received the following badges:



Customize the User
Interface for a
Recruiting App



Lightning App Builder



Data Management



Quick Start: Process Builder



Quick Start: Lightning App Builder



Automate Business Processes for a Recruiting App



Build a Discount Approval Process

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Description of the daily activity	Learning Outcome	Person In-Charge Signature
Thursday & 16-09-2022	Live Session Content–Types of Flows &Security	Flow Builder, Flows, Security Overview, Organizational Security Settings, Organizational Wide Defaults.	
Friday & 17-09-2022	Self-Paced Learning: Salesforce Flow, Flow Builder	Flow Resources, Variables, Create Variables, Add Screens, Logic, Actions To Your Flows.	
Saturday & 19-09-2022	Self-Paced Learning: Data Security, Keep Data Secure In Recruiting App	Control Access to Org, Fields, Objects, Create Custom Profiles, Restrict Data Access with Field Level Security, Permission Sets, Sharing Settings.	
Monday & 20-09-2022	Live Session Content – Apex & Testing, Debugging	About Apex, Triggers, SOQL, SOQL, Testing Development Requirement, Testing Framework.	
Tuesday & 21-09-2022	Self-Paced Learning: Apex Triggers, Apex Testing	Apex Triggers, Bulk Apex Triggers, Apex Unit Tests, Test Apex Triggers, Create Test Data for Apex Tests.	

Wednesday & 22-09-2022	Self-Paced Learning: Asynchronous Apex	Asynchronous Processing Basics, Using Future Methods, Batch Apex, Control Process with Queue able Apex.	
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WEEKLYREPORT

WEEK 2 (From 06-10-2022 to 12-10-2022)

Objective of the activity done: The main objective of second week activities is to know about types flows, Salesforce security overview, Apex, Testing and Debugging. And how to complete the given modules as a part of the internship.

Detailed Report:

Day-1:

The first day of the second week is a live session, where I have learned about introduction to Flow Builder, Flows, Types of Flows (“Screen Flow, Auto Launched Flow, Record Triggered Flow, Platform Event Triggered Flow, Scheduled Triggered Flow”), Salesforce Security Overview, Organizational Security Settings, Organizational Wide Defaults, Record Ownership, Role Hierarchies, Sharing rules, Manual Sharing, Object Permissions and Record Access, User Profiles& Permissions, Salesforce Security Section Questions.

Day-2:

On day 2 of second week I learned about Salesforce Flow, Flow Builder. After Completing this module, I received the following badge.



Flow Builder

Day-3:

On day 3 I learned about Data Security, Keep Data Secure In Recruiting App. After Completing this module, I received the following badge.



Data Security



Automate Business
Processes for a
Recruiting App

Day-4:

On day 4 of second week is a live session where I have learned about:

- What is Apex
- Apex Data Types
- SOQL
- SOSL
- Triggers
- Testing Deployment Requirement and Testing Framework
- Write Apex Unit Tests
- Test Data
- Execute Test Classes
- Invoking Apex in Execute Anonymous vs. Unit Tests
- Monitor and Access Debug Logs

Day-5:

On day 5 I learned about Apex Triggers, Apex Testing. After Completing this module, I received the following badge.



Apex Testing



Apex Triggers

Day-6:

On day 6 I learned about Asynchronous Apex. Asynchronous Apex. After Completing this Module I received the following badge.



Asynchronous Apex

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Description of the daily activity	Learning Outcome	Person In-Charge Signature
Thursday & 23-09-2022	LiveSession-5Content– LightningWebComponents (LWC)	Lightning Web Components (LWC)	
Friday & 24-09-2022	Self-Paced Learning Modules VS Code Setup	VS Code Setup installation, some concepts.	
Saturday & 26-09-2022	Self-Paced Learning Modules CLC Setup	VS Code Setup installation, some concepts.	
Monday & 27-09-2022	LiveSession-6Content:Lightning WebComponents (LWC & API)	Basics Of LWC, Visual force, Use Lightning, Components in Lightning Experience, REST API, SOAPAPI	
Tuesday & 28-09-2022	Self-Paced Learning Modules API Basics Event Monitoring	Learned the basics of API, put the web in web API, Download and visualize Event Log files.	
Wednesday & 29-09-2022	Self-Paced Learning Modules Shield Platform Encryption Apex Integration Services	Setup and Manage shield platform Encryption, Deploy shield platform encryption in a smart way, Apex SOAP and REST Callouts.	

WEEKLYREPORT

WEEK-3 (From 13-10-2022 to 19-10-2022)

The objective of the activity done: The main objective of the third week activities is to know about the Lightning Web Components (LWC), Lightning Web Components (LWC & API).

Detailed Report:

Day-1:

Day one is a live session. In this live session, I learned about Lightning Web Components (LWC). In which I get to know about the Discover Lightning Web Components, Create Lightning Web Components, Deploy Lightning Web Component files, Handle events in Lightning Web Components, Add styles and Data to a Lightning Web Component.

Day-2:

On day 2, I learned about VS Code Setup. The main objective of this module is Build reusable, perform an component that follow modern web standards.

Day-3:

On day 3, I learned about CLC Setup. The main objective of this module is to Build reusable, perform an components that follow modern web standards.

Day-4:

On day 4, there is another live session on Lightning Web Components (LWC & API). In this we gained knowledge about

- Basics Of LWC
- Visual force
- Use Lightning Components in Lightning Experience
- RESTAPI
- SOAP API

Day-5:

On day 5, I learned about API Modules, those are,

- API Basics
- Event Monitoring

The main objective of API Basics is Learn the fundamentals and benefits of developing with APIs and the main objective of Event Monitoring is Discover insights into your Salesforce org with this powerful monitoring feature.

After completing the modules, I learned the following badges,



Event Monitoring



API Basics

Day-6:

On day 6, I learned about the following modules,

- Shield Platform Encryption
- Apex Integration Services

The main objective of Shield Platform Encryption is Encrypt your data at-rest in the cloud and manage the life cycle of your encryption keys and the main objective of Apex Integration Services to Integrate with external apps using Apex REST and SOAP services.

After completing the modules, I learned the following badges,



Apex Integration
Services



Shield Platform
Encryption

ACTIVITY LOG FOR THE FOURTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In -Charge Signature
Thursday & 30-09-2022	Quiz, Automate record Creation	Learned Installation of unlocked package and configure the development org.	
Friday & 01-10-2022	Synchronize Salesforce data with an external system	Implementation of Apex Class that implements the queueable interface.	
Saturday & 03-10-2022	Schedule Synchronization	Build Scheduling logic executes call out and run code daily.	
Monday & 04-10-2022	Test automation logic	Build tests for all classes specified in the business requirements.	
Tuesday & 05-10-2022	Test call out logic	Build tests for call out using the included class for call out mock and call out test class.	
Wednesday & 06-10-2022	Test scheduling logic	Build unit tests for the class Warehouse Sync Schedule.	

WEEKLYREPORT

WEEK 4 (From 20-10-2022 to 26-10-2022)

The objective of the activity done: The main objective of the fourth week is to test the knowledge gain all over the course by completing Super Badge “Apex Specialist”.

Detailed Report:

Day1:

On day 1, we did Automate Records

Day2:

On day 2, we did Synchronize Salesforce data with an external system.

Day3:

On day 3, we did Schedule Synchronization

Day4:

On day 4, we did Test Automation logic

Day5:

On day 5, we did Test callout logic

Day6:

On day 6, we did Test scheduling logic

After completing the above steps, we earned Apex Specialist Super Badge

Apex Specialist Super Badge:



Activities done to Earn This Super badge

1. Automate record creation using Apex triggers
2. Synchronize Salesforce data with an external system using asynchronous REST callouts
3. Schedule synchronization using Apex code
4. Test automation logic to confirm Apex triggers IDE effects
5. Test integration logic using call out mocks
6. Test scheduling logic to confirm action gets queued

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Description of the daily activity	Learning Outcome	Person In-charge Signature
Thursday & 07-10-2022	Credential Security Quiz, Automate Leads	Learned creation of validation rules, queue and lead assignment rules.	
Friday & 08-10-2022	Automate Accounts	Learned creation of validation rules and account formula fields.	
Saturday & 10-10-2022	Create Robot Setup Object, Create Sales Process and Validate Opportunities	Learned creation of custom robot setup objects and sales with required stages.	
Monday & 11-10-2022	Automate Opportunities	Learned creation of process to alert the finance group.	
Tuesday & 12-10-2022	Create Flow of Opportunities	Learned creation of flow and distributes of flow.	
Wednesday & 13-10-2022	Automate Setups	Learned creation of process to evaluate and adjust the robot setup date.	

WEEKLYREPORT

WEEK-5 (From 27-10-2022 to 02-11-2022)

The objective of the activity done: The main objective of this week activities is to know about the Validations and Formulas, Sales Process, Process Builder, Flow and to test our skills based on certain modules as part of the internship.

Detailed Report:

Day-1:

On Day 1, we did Automate lead ownership using assignment rules and enforce data integrity with formula fields and validation rules.

Day-2:

On Day 2, we did creation of validation rules and account formula fields.

Day-3:

On Day 3, we created a custom object in a master-detail relationship to a standard object.

Day-4:

On Day 4, we did automate business processes to send emails, create related records, and submit opportunities for approval

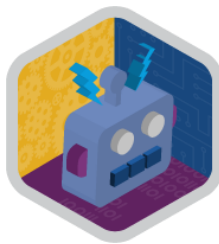
Day-5:

On Day 5, we created a flow to display dynamic information on a Lightning record page.

Day-6:

On Day 6, we created a process to evaluate and update records.

Process Automation Specialist Super badge:



Activities done to earn this Super badge:

1. Validations and Formulas
2. Sales Process
3. Process Builder

4. Flow

ACTIVITY LOG FOR THE SIXTH WEEK

Day&Date	Brief Description of the daily activity	Learning Outcome	Person In-charge Signature
Thursday & 14-10-2022	Ask a Mentor Session	Doubts clarification regarding super badges	
Friday & 15-10-2022	Ask a Mentor Session	Doubts clarification regarding superbages	
Saturday & 17-10-2022	Soft Skills Training	Learned Soft skills like interview skills	
Monday & 18-10-2022	Soft Skills Training	Learned Soft skills like presentation skills	
Tuesday & 19-10-2022	Submissions	.Projects Submission and updating Progress track	
Wednesday & 20-10-2022	Submissions	Projects Submission and updating Progress track	

WEEKLY REPORT

WEEK-6 (From 01-11-2022 to 03-11-2022)

The objective of the activity done: The main objective of this week activities is to Clarify the doubts and increasing the soft skills.

Detailed Report:

Ask a Mentor Sessions:

After assigning the projects / Super badges for the learners, if they face any challenge in completion of the activities or modules, we organize expert mentoring sessions to address the queries learner shave. Mentoring sessions will be organized per week.

Soft Skills Training:

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

Submissions:

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

Verification:

Here the team will verify the projects / super badges, which have been assigned for the Learners. This process will take approximately 10-12 days.

Certificate Generation:

After successful verification of your project / super badges, the team will generate the event participation certificate.

CONCLUSION:

Salesforce is a good CRM platform that helps various businesses to make use of their customer data well. Through this program individuals will examine the Apex and Visual force systems' capabilities. Individuals will gain knowledge of data modeling, data security, Apex triggers and classes, and validation methodologies, as well as Apex integration services skills. Individuals will also learn how to logically customize apps using formulas and validation rules, as well as build business process models utilizing process builders and flows.

Skills I learned through this course:

- Management
- Security
- Apex
- Integration
- Database
- Testing
- Build different data models
- Schema Building

Through this program one can learn in -demand Sales force Skills, earn resume worthy credentials and connect to opportunities in Salesforce ecosystem.

Student Self Evaluation of the Short-Term Internship

Student Name: POSINA DEVI PRASAD **Registration No:** 20B21A4272

Term of Internship: **From:** aug - 2022 **To :** oct - 2022

Date of Evaluation:

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: POSINA DEVI PRASAD **Registration No:** 20B21A4272

Term of Internship: **From: :** aug - 2022 **To : oct - 2022**

Date of Evaluation

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self- evaluation


Rating Scale: 1 is lowest and 5 is highest rank


1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5


Date:


Signature of the Supervisor


PHOTOS&VIDEO LINKS





Prasad Posina 







Prasad Posina

students at Kakinada institute of engi...


Andhra Pradesh, India

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Trailhead



MOUNTAINEER

27


Badges

37,125

Points

2

Trails



Earn 23 more badges to reach [Expeditioner rank.](#)

EVALUATION

ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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