An Internship Report

On

Salesforce Developer Virtual Internship

Submitted In accordance with the requirement for the degree of

BACHELOR OF TECHNOLOGY
CSE- (Artificial Intelligence & Machine Learning)

Under the Esteemed Guidance of

M. CHENNAKESAVA RAO M.E., (Ph.D)
Associate Professor,CSE-(AI&ML)

Submitted by

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Department of CSE- (Artificial Intelligence & Machine Learning)Kallam Haranadhareddy Institute of Technology

(Autonomous)

Approved by (AICTE, New Delhi; Permanently Affiliated to JNTU,KAKINADA)

Accredited by NAAC with an 'A' Grade

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AY: 2023-2024

PROGRAM BOOK FOR SUMMER INTERNSHIP-1

Name of the Student: PATCHALA AKSHAY

Name of the College: KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY

Registration Number: 218X1A4273

Period of Internship: 8 WEEKS **FROM** AUGUST 2023 **TO** OCTOBER 2023

Name & Address of the Internship Organization: SMART INTERNZ

Student's Declaration

I, **PATCHALA AKSHAY** a student of III/IV B.Tech Program, Reg. No. **218X1A4273** of the Department of **CSE- (ARTIFICIAL INTELLIGENCE &MACHINE LEARNING),** Kallam Haranadhareddy Institute of Technology do hereby declare that I have completed the mandatory internship virtually from **AUGUST 2023 TO OCTOBER 2023** in **SALESFORCE DEVELOPER VIRTUAL INTERNSHIP** under the Faculty Guideship of **MR.M.CHENNAKESAVA RAO** M.E., (Ph.D) Associate Professor, Department of **CSE- (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)**, Kallam Haranadhareddy Institute of Technology.

(Signature and Date)

Faculty Guide **External Examiner**

Head of the Department **Principal**

INTERNSHIP COMPLETION CERTIFICATE

In Partnership With

SMARTBRIDGE

PARTNER

AICTE

Smart Internz

CERTIFICATE OF COMPLETION

October 30, 2023

Akshay Patchala

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship **(August-October 2023),** Akshay Patchala 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

Developer Super Set

Certificate ID: SISFVIPAD2023 -66415 | Verify this certificate @ https://smartinternz.com/internships/salesforce_certificates/0daa08c676117ac624ff02d27aa247cd

Shri Buddha Chandraseker

Chief Coordinating Officer(CCO), NEAT Cell-AICTE

Mr Amarender Katkam

Founder & CEO, TheSmartBridge & SmartInternz

ACKNOWLEDGEMENT

We profoundly express our gratitude and respect towards our honourable chairman **SRI KALLAM MOHAN REDDY, Chairman,** KHIT for his precious support in the college.

We sincerely express our deepest gratitude to dynamic director of our institute **Dr. M. UMA SHANKARA REDDY** M.Sc., Ph.D., **Director,** KHIT for his valuable guidance.

We owe our sincere gratitude to **Dr. B. S. B. REDDY** M.Tech, Ph.D., **Principal,** KHIT for providing a great support and for giving us the opportunity of doing the Internship.

Our deepest thanks to **Dr. G. J. SUNNY DEOL** M.Tech, Ph.D., Head of the Department, CSE-(Artificial Intelligence & Machine Learning),KHIT for inspiring us all the way and for arranging all the facilities and resources needed for our internship.

It is with immense pleasure that we would like to express our indebted gratitude to our internship coordinator **M. CHENNAKESAVA RAO** M.E., (Ph.D) , Associate Professor**,** Department of CSE- (Artificial Intelligence & Machine Learning),KHIT who has guided us a lot and encouraged us in every step of the intern project work, his valuable moral support and guidance throughout the Intern project helped us to a greater extent.

I would also like to thank the Directors of Smart Internz and Smart Bridge for giving me the opportunity to do an internship within your organization. I would like to thank our internship mentor **Mr. Gadhiraju, Salesforce consultant** and our mentors who has guided us a lot and encouraged us in every step of the intern project work.

Finally, we would like to thank our parents and friends for being supportive all the time, and we are very much obliged to them.

CONTENTS

LIST OF TABLES

LIST OF FIGURES

CHAPTER 1: EXECUTIVE SUMMARY

Learning Objectives:

1. Understand the Salesforce Platform Architecture.
2. Develop Salesforce Objects and Fields Using Apex Code.
3. Design and Implement Visualforce Pages for Custom User Interfaces.
4. Integrate Salesforce Applications with External Systems.
5. Deploy and Secure Salesforce Applications.

Learning Outcomes:

1. Understand the key components of the Salesforce platform.
2. Write Apex code to create and manage Salesforce objects.
3. Build custom user interfaces using Visualforce.
4. Consume external data using the Salesforce APIs.
5. Deploy Salesforce applications to Heroku.
6. Implement Salesforce security best practices.
7. Develop a functional Salesforce application.

This report is about my 8 weeks virtual internship program with Smart Internz. In this comprehensive report, I have discussed about every major aspect of the company which I observed and perceived during my virtual internship program.

During my virtual internship program, I have learned and mainly worked on Apex Specialist, Process Automation Specialist and Developer Superset. All the details have been discussed in detail. All the policies and procedures of the company have been discussed in detail.

Salesforce developers play a critical role in driving innovation and improving business operations through Salesforce applications. With the growing demand for Salesforce expertise, aspiring developers can embark on a rewarding career path that offers ample opportunities for growth and advancement. By acquiring the necessary skills and knowledge, Salesforce developers can contribute significantly to the success of organizations across diverse industries.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

A. Introduction of the Organization

What Is Salesforce?

Salesforce is your customer success platform, designed to help you sell, service, market, analyse, and connect with your customers.

Salesforce has everything you need to run your business from anywhere. Using standard products and features, you can manage relationships with prospects and customers, collaborate and engage with employees and partners, and store your data securely in the cloud.

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 superbadges 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.

B. Vision, Mission and Values of the Organization

Vision:

To provide the world's most innovative and trusted customer relationship management (CRM) platform that enables companies to connect with their customers in a whole new way.

Mission:

Salesforce's mission is to help companies of every size and industry connect with their customers in new ways using cloud, mobile, social, and artificial intelligence technologies. Salesforce aims to make technology more accessible, user-friendly, and affordable for businesses, non-profits, and governments worldwide.

Values:

Salesforce is driven by its core values that are deeply ingrained in its culture and guide its decisions, actions, and interactions with customers, partners, employees, and communities. These values include:

i. **Trust:** Salesforce strives to earn and maintain the trust of its customers, partners, and employees by being transparent, ethical, and accountable in everything it does.
ii. **Customer Success:** Salesforce puts its customers first and is dedicated to their success by delivering innovative products and solutions that meet their needs, and providing excellent customer service and support.
iii. **Innovation:** Salesforce is committed to continuous innovation, leveraging the latest technologies and best practices to deliver cutting-edge solutions that help its customers stay ahead of the curve.
iv. **Equality:** Salesforce believes in equality for all, and is committed to creating a diverse and inclusive workplace where everyone is respected and valued for their unique contributions.
v. **Giving Back:** Salesforce is dedicated to making a positive impact in the communities where it operates, through philanthropy, volunteerism, and sustainable business practices.

C. Policy of the Organization, in relation with the intern role

Salesforce, as a global technology company, has a strong commitment to fostering a diverse and inclusive workplace. Their policy in relation to intern roles is to provide an environment where interns can develop their skills and gain valuable experience while contributing to the company's mission.

Salesforce believes that interns should be treated with respect, provided with equal opportunities and fair compensation, and given access to resources and tools that will enable them to succeed in their roles. They also encourage interns to be proactive and take ownership of their work, and provide opportunities for mentorship and professional development.

In terms of specific policies related to internships, Salesforce has a code of conduct that all employees, including interns, are expected to follow. This code includes guidelines for ethical behaviour, professionalism, and respect for others.

Salesforce also has a policy of non-discrimination, and interns are expected to adhere to this policy as well. This means that interns will not be discriminated against based on factors such as race, ethnicity, gender, sexual orientation, religion, or age.

Overall, Salesforce's policy regarding intern roles is centred around providing a supportive and inclusive environment where interns can learn and grow, while also contributing to the company's success.

D. Organizational Structure

Salesforce is a large organization with a complex organizational structure. At the top of the hierarchy is the Chief Executive Officer (CEO), who is responsible for setting the overall strategy and direction of the company. Under the CEO are several executive vice presidents who are responsible for different business units, such as Sales, Marketing, and Operations.

Salesforce's organizational structure is divided into three main groups: Customer Success, Technology, and Products.

Customer Success: This group is responsible for ensuring that customers are successful in their use of Salesforce products. It includes teams focused on customer service, customer success management, and training.

Technology: This group is responsible for the development and maintenance of the Salesforce platform, as well as the infrastructure and systems that support it. It includes teams focused on engineering, data science, and security.

Products: This group is responsible for the development and delivery of Salesforce's product offerings. It includes teams focused on product management, product marketing, and product development.

In addition to these three main groups, Salesforce has a number of other teams and functions, including finance, legal, and human resources. The company also has a strong culture of philanthropy and has a separate Salesforce Foundation that is dedicated to supporting non-profit organizations and social enterprises.

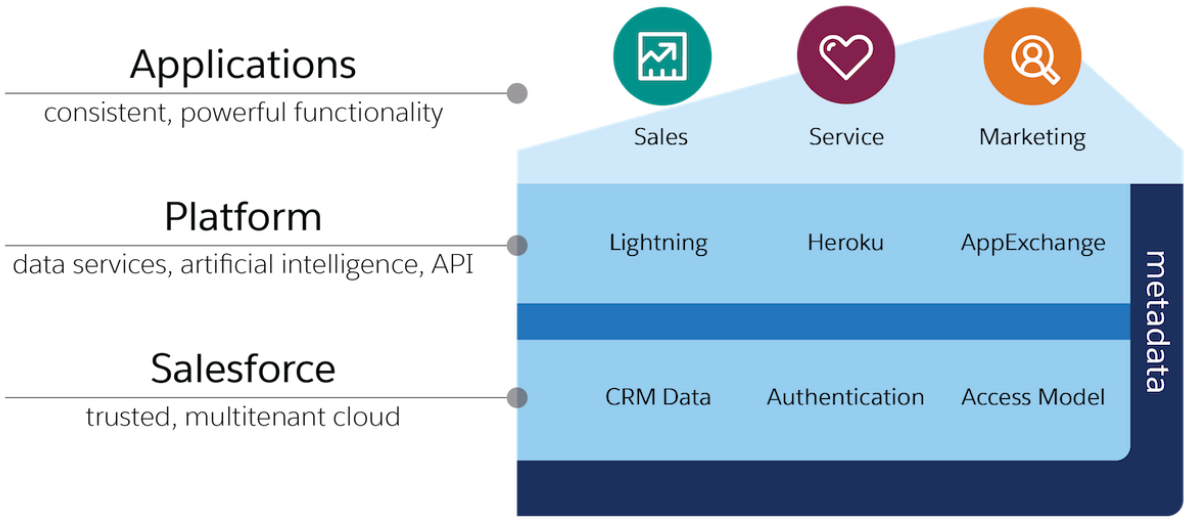

Fig 1. Objectives of Salesforce

E. Roles and responsibilities of the employees in which the intern is placed

Salesforce has a variety of roles and responsibilities for its employees, depending on their position and level within the organization. The roles and responsibilities of the employees in which the intern is placed can vary widely, but here are some examples of typical roles within the company:

i. **Sales Representative:** Responsible for selling Salesforce products and services to customers, often by phone or email.
ii. **Account Executive:** Responsible for managing a portfolio of customer accounts, developing relationships with key decision-makers, and upselling or renewing existing contracts.
iii. **Technical Support Specialist:** Responsible for providing technical support to customers, troubleshooting issues, and resolving technical problems.
iv. **Software Engineer:** Responsible for developing and maintaining Salesforce software products and services.
v. **Project Manager:** Responsible for managing projects related to Salesforce implementations or other business initiatives.
vi. **Marketing Manager:** Responsible for developing and executing marketing strategies to promote Salesforce products and services.
vii. **Data Analyst:** Responsible for analysing and interpreting data related to Salesforce products and services, and making recommendations based on their findings.

F. Performance of the Organization in terms of turnover, profits, market reach and market value:

Salesforce has been performing well financially. In fiscal year 2021, Salesforce reported a total revenue of $21.25 billion, an increase of 24% compared to the previous year. The company has also been consistently profitable, reporting a net income of $4.61 billion in fiscal year 2021.

In terms of market reach, Salesforce is a global leader in customer relationship management (CRM) software and cloud computing services. The company serves customers across a wide range of industries and geographies, including Fortune 500 companies, small and medium-sized enterprises, and government organizations. Salesforce has also expanded its product offerings through acquisitions, such as its acquisition of Slack Technologies in 2020.

As of 2021, Salesforce had a market capitalization of over $200 billion, making it one of the most valuable software companies in the world. Its stock price has also shown strong growth over the years, with a 5-year

return of over 200%. Overall, Salesforce has been a highly successful organization in terms of financial performance, market reach, and market value.

G. Future Plans of the Organization

Salesforce is a rapidly growing company that is constantly expanding its product offerings and acquiring new companies to enhance its capabilities. Some of the future plans of the organization include:

i. **Expanding its product portfolio:** Salesforce plans to continue to innovate and expand its product portfolio to meet the evolving needs of its customers. This includes developing new products and services, as well as integrating with other companies to provide a seamless experience for customers.
ii. **Enhancing customer experience:** Salesforce recognizes the importance of providing an exceptional customer experience and plans to invest in technologies that will improve customer engagement and satisfaction.
iii. **Expanding into new markets:** Salesforce has a strong presence in the United States, but the company is also looking to expand into new markets around the world. This includes developing partnerships with local companies and investing in marketing and sales efforts to reach new customers.
iv. **Investing in research and development:** Salesforce has always been committed to investing in research and development to stay ahead of the competition. The company plans to continue to invest in this area to drive innovation and bring new products and services to market.

CHAPTER 3: INTRODUCTION TO SALESFORCE COMPONENTS

A. Create a Trailhead Playground

What Is a Trailhead Playground?

A Trailhead Playground is an org we can use to complete hands on challenges and try out new features and customizations. Much like a real playground, a Trailhead Playground let's us play around and make customizations without impacting anything else.

We can do almost anything to our Trailhead Playground, and it comes with a set of Trailhead-specific data that we can use when completing challenges. Trailhead Playgrounds have some limits, but for the most part they give us the same customization options as a production org. And although we can outgrow a real-life playground, our Trailhead Playground never expires, as long as we keep using it.

Follow Along with Trail Together

A Trailhead Playground is a DE org, but specifically for Trailhead. Trailhead Playgrounds come with Trailhead-specific data, and a pre-installed package that we use to test your hands-on challenges. Trailhead Playgrounds also include tools to make some of the tasks you'll find yourself completing often easier, such as finding your username and resetting your password, and installing managed packages.

Creating our First Trailhead Playground

Once we've created a Trailhead account with our Salesforce account or a linked social account. A Trailhead Playground is created automatically and linked to our Trailhead account.

In every hands-on challenge and project step verification, we'll see the name of a hands-on org and a Launch button. Trailhead automatically chooses our most recently used org or, if we've tried the challenge before, the org we last used for that particular challenge. If we've never used a hands-on org before, Trailhead defaults to our most recently created playground. We can always select the org we want to work in by clicking the name of our org and choosing a different one from the list.

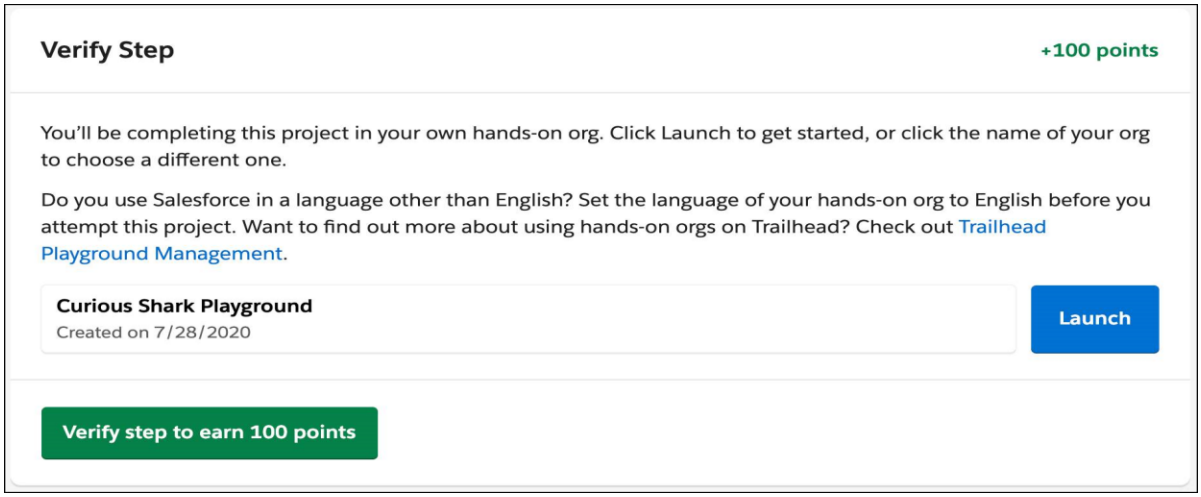

Fig 2. Playground Launch Home Screen

To create a new Trailhead Playground, click the name of your org and click Create Playground. Give your playground a name, click Create, and that's it! Now you have an org that you can use to complete hands-on challenges and projects, and test new features and code.

If you're using Trailhead in a language other than English, make sure that your playground is set to the same language as the hands-on challenge. Otherwise you may run into issues passing challenges.

Launch your Trailhead Playground from any hands-on challenge or project step by clicking Launch. Your playground opens in a new browser tab or window.

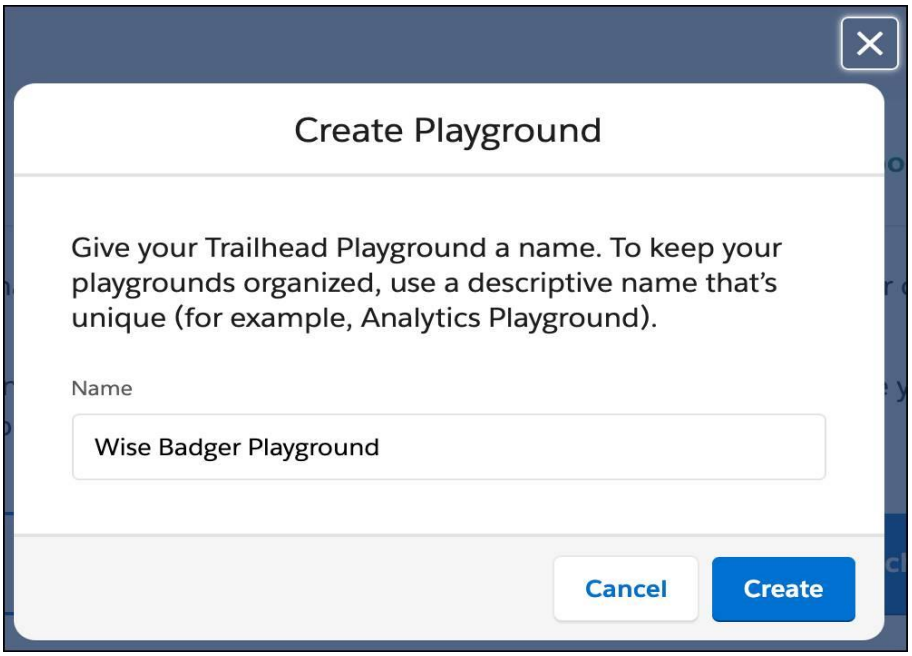

Fig 3. New Playground Dialog Box

B. Setup and the object manager

Take a Tour of Setup Home

we can navigate to Setup from the top of any page in Lightning Experience by clicking | Setup.

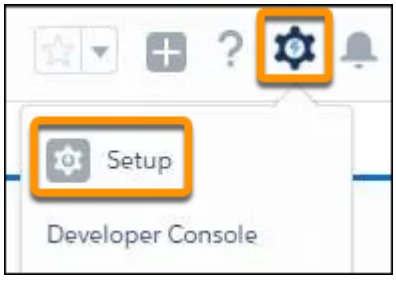

Fig 4. Setup Launcher

Setup is where you go to customize, configure, and support your org. Setup Home is a launchpad for getting you where you want to go fast. It's all about shortcuts. Here's a quick overview of some important features.

- **Quick Find (1):** Locate Setup pages.
- **Object Manager (2):** Access objects and object settings from a single entry point.
- **Global Search (3):** Find specific Setup records.
- **The Create shortcut (4):** Quickly create users, custom objects, and more.
- **The Carousel (5):** Quickly access other Salesforce sites, such as the Mobile Publisher and the Trailblazer Community.
- **The Most Recently Used list (6):** Lets you jump back to a previous record.

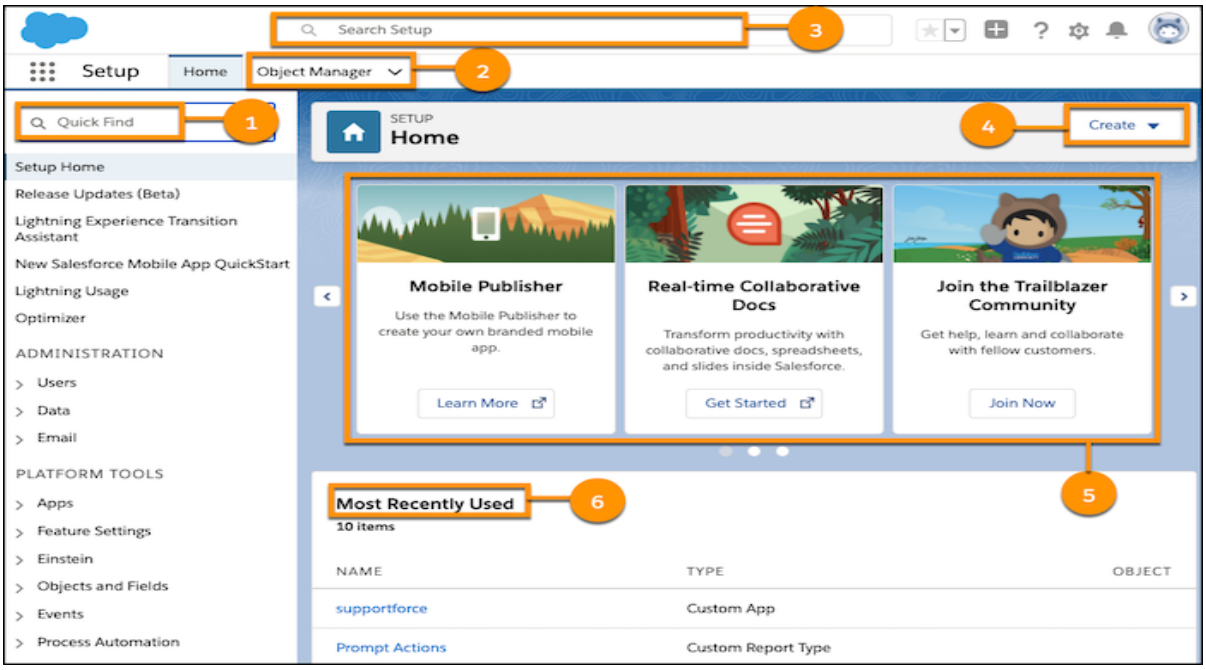

Fig 5. Setup Components

C. Use Quick Find to Locate a Setup Page

Quick Find lets you navigate to any Setup page using a keyword. You can search for pages related to users and data, user interface modification, org security, and more. Quick Find is the best way to find what you're looking for if you know its name. Just start typing in the Quick Find box. Click the name and off you go.

D. Use the Object Manager to Customize Objects

The Object Manager is a one-stop shop for managing all objects in your org. It lists standard objects, such as Account and Contact, and custom objects that you or another admin created. Access all objects and their related settings—such as fields, layouts, record types, buttons, links, and so on—from a single-entry point.
To access the Object Manager, from Setup, click Object Manager.

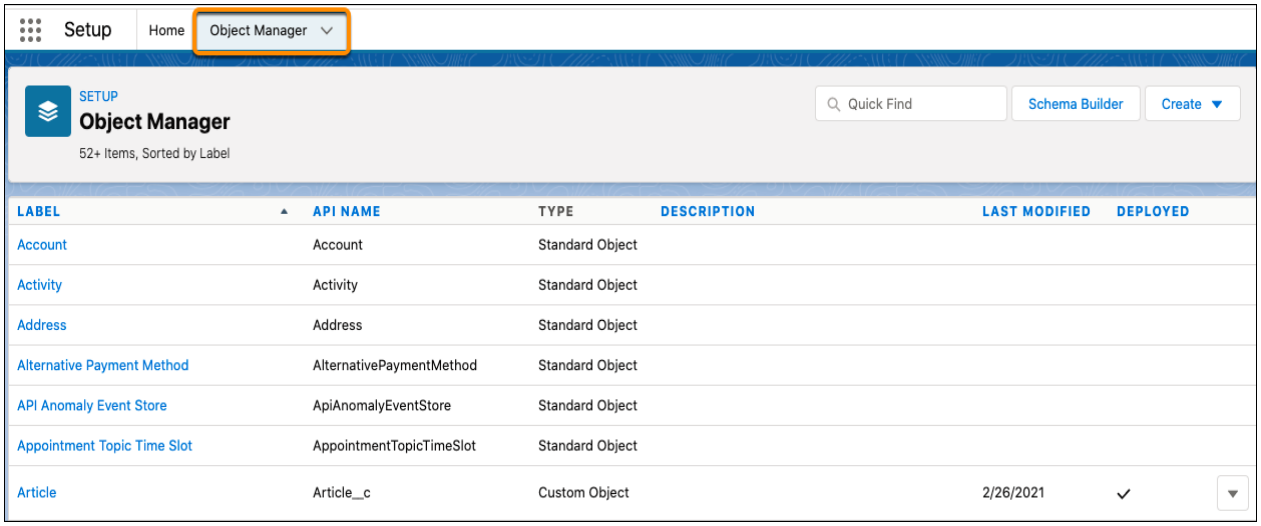

Fig 6. Object Manager

To customize an object, select the object name in the list, and then select a specific customization from the left pane. For example, to add a custom field to the Account object, select Account, then Fields & Relationships, and then New.

Use the Object Manager to Create and Edit Custom Objects

You can also create a custom object from the Object Manager and edit its required fields. Click Create | Custom Object to open the New Custom Object page.

To edit the required fields for a custom object, select Edit from the inline menu for a custom object to open the Edit Custom Object page.

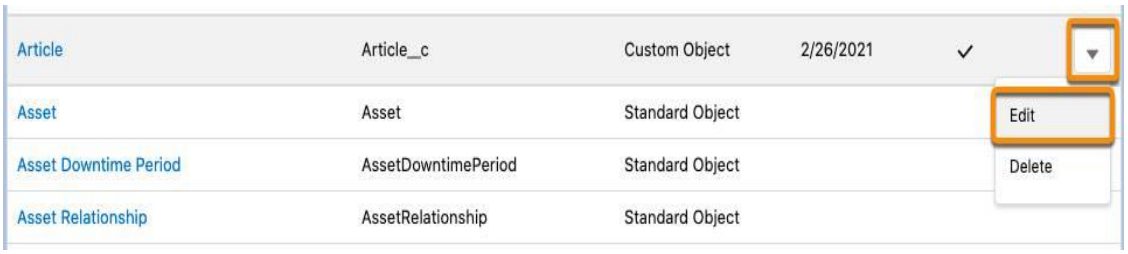

Fig 7. Edit Custom Object Page

E. Create the Trailblazer app

When you create an app, you automatically create a data object. In Salesforce, we call that data object a **custom object**. If you're familiar with spreadsheets, think of a custom object as a sheet. Or if you're a database person, it's similar to a table.

A custom object comes with standard fields and screens that let you list, view, and edit information about the object. But you can also add your own fields to track or list just about anything you can think of. When you complete this quick start, you'll have a working app with its own menu, a tab, and a custom object that tracks the names of places you want to visit.

In this step, you create an app called Trailblazer. You also add a custom object called Waypoint, and a custom tab. A waypoint is a place where you stop on a journey through the park.

Create the custom object:

1. Click the setup gear and select Setup. This launches Setup in a new tab.
2. Click the Object Manager tab next to Home.
3. Click Create and select Custom Object.
4. Define the new custom object as follows:
   - Label: Waypoint
   - Plural Label: Waypoints
   - Object Name: Waypoint
5. Under Optional Features, select Allow Reports and Allow Activities.
6. Click Save.

Create a tab for the custom object:

1. In Setup, click Home.
2. Enter Tabs in Quick Find and select Tabs.
3. Under Custom Object Tabs, click New.
4. Create a new tab as follows:
   - Object: Waypoint
   - Tab Style: select any icon
5. Leave all defaults as is. Click Next, Next, and Save.

Create the app:

1. In Setup, click Home.
2. Enter App Manager in Quick Find and select App Manager.
3. Click New Lightning App.
4. Define the new Lightning app as follows:
   - App Name: Trailblazer
   - Developer Name: Trailblazer
5. Click Next.
6. On the App Options screen, leave the defaults as is and click Next.
7. On the Utility Items screen, leave the defaults as is and click Next.
8. On the Navigation Items screen, select Home, Chatter, Waypoints, Reports, and Dashboards and move them to the Selected Items box. Then click Next.

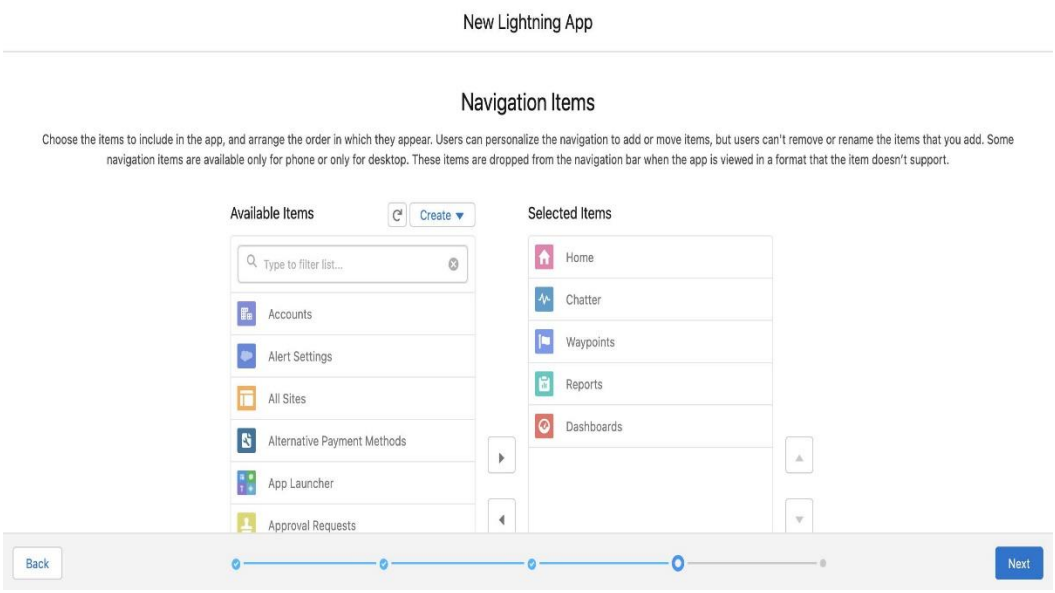

Fig 8. New Lightning App

9. On the Assign to User Profiles screen, select System Administrator and move it to Selected Profiles. Then click Save & Finish.

3.4: Create Your First Page

A Lightning Page is a container for Lightning Components. Create your first page and add a component to it.

1. If you haven't already, log in to Trailhead, then launch your Trailhead Playground by clicking Launch at the bottom of this page. This opens your Trailhead Playground in a new tab.
2. If you're not already on the Setup home page, click  and select Setup to launch Setup in a new tab.9
3. Enter Lightning App Builder in Quick Find and select Lightning App Builder.
4. Under Lightning Pages, click New.
5. Select App Page then click Next.
6. In the Label field, type Field Sales App and click Next.
7. In Create a New Lightning Page, select Two Regions.
8. Click Done.

Now that you have a page, you can add components. For your first component, drag a List View component onto the page.

1. In the Desktop drop-down list, click Tablet - Portrait. The canvas's preview layout changes from the standard single column to two columns.
2. From the Standard Components menu on the left, drag the List View to the left column.
3. Set the properties of this component using the Properties list in the right sidebar.
   - In the Object drop-down list, select Account.

- In the Filter drop-down list, select My Accounts.
- In the Number of Records to Display field, enter 7.

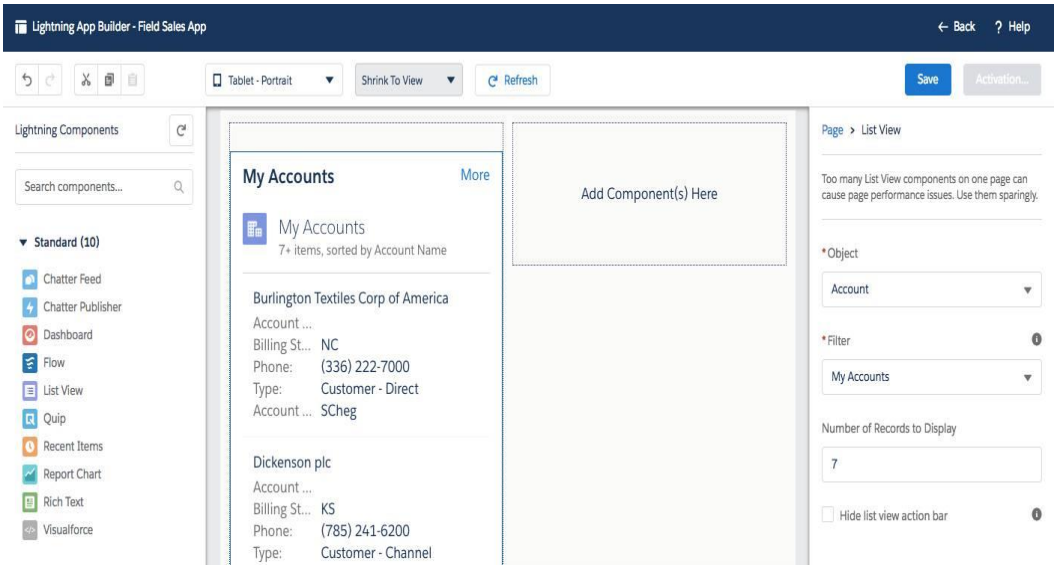

Fig 9. Number of Records in New Lightning App

4. Click Save and then click Not Yet in the popup window. We will activate this page in a later step.

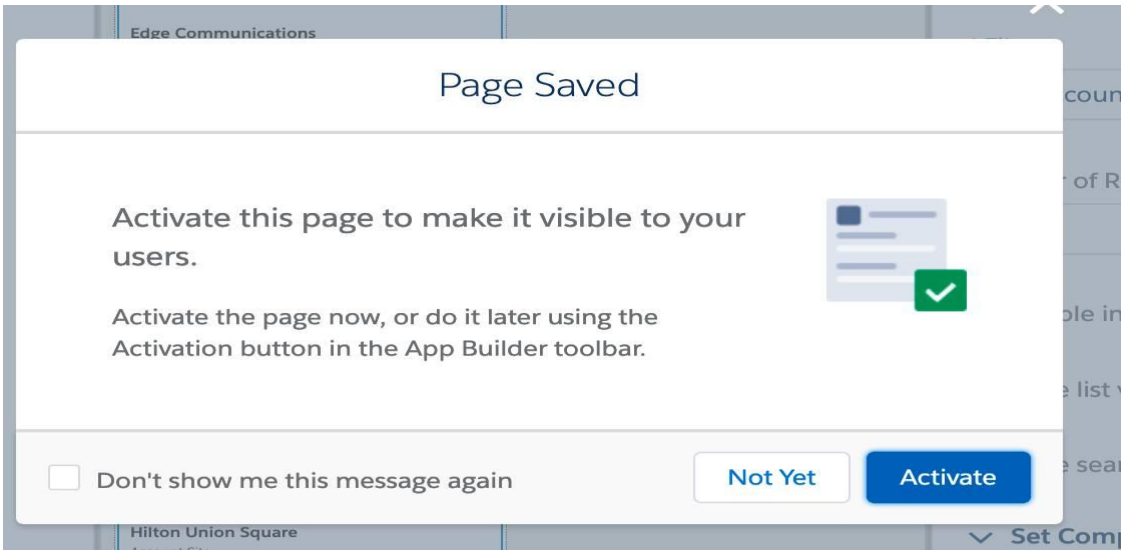

Fig 10. Page Saved Confirmation

F. Basics of Apex:

Apex is a programming language that uses Java-like syntax and acts like database stored procedures. Apex enables developers to add business logic to system events, such as button clicks, updates of related records, and Visualforce pages.

As a language, Apex is:

- **Hosted:** Apex is saved, compiled, and executed on the server—the Lightning Platform.
- **Object oriented:** Apex supports classes, interfaces, and inheritance.
- Strongly typed: Apex validates references to objects at compile time.
- **Multitenant aware:** Because Apex runs in a multitenant platform, it guards closely against runaway code by enforcing limits, which prevent code from monopolizing shared resources.
- **Integrated with the database:** It is straightforward to access and manipulate records. Apex provides direct access to records and their fields, and provides statements and query languages to manipulate those records.
- **Data focused:** Apex provides transactional access to the database, allowing you to roll back operations.
- **Easy to use:** Apex is based on familiar Java idioms.
- **Easy to test:** Apex provides built-in support for unit test creation, execution, and code coverage. Salesforce ensures that all custom Apex code works as expected by executing all unit tests prior to any platform upgrades.
- **Versioned:** Custom Apex code can be saved against different versions of the API.

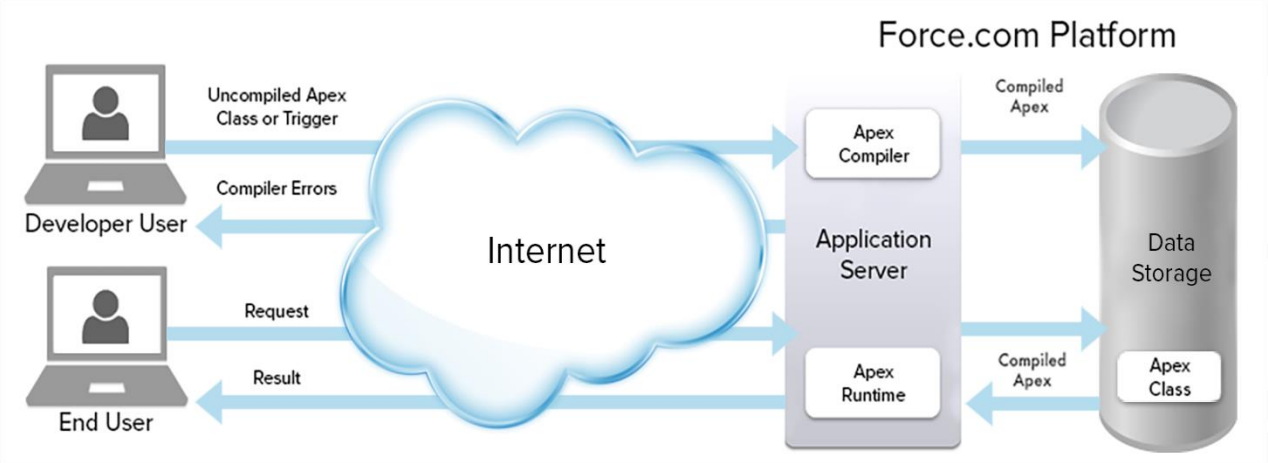

Fig 11. Apex Usage

Apex Language Highlights

Like other object-oriented programming languages, these are some of the language constructs that Apex supports:

- Classes, interfaces, properties, and collections (including arrays).
- Object and array notation.
- Expressions, variables, and constants.
- Conditional statements (if-then-else) and control flow statements (for loops and while loops).

Unlike other object-oriented programming languages, Apex supports:

- Cloud development as Apex is stored, compiled, and executed in the cloud.
- Triggers, which are similar to triggers in database systems.

- Database statements that allow you to make direct database calls and query languages to query and search data.
- Transactions and rollbacks.
- The global access modifier, which is more permissive than the public modifier and allows access across namespaces and applications.
- Versioning of custom code.

G. Apex Triggers

Apex triggers enable you to perform custom actions before or after events to records in Salesforce, such as insertions, updates, or deletions. Just like database systems support triggers, Apex provides trigger support for managing records.

Typically, you use triggers to perform operations based on specific conditions, to modify related records or restrict certain operations from happening. You can use triggers to do anything you can do in Apex, including executing SOQL and DML or calling custom Apex methods.

Use triggers to perform tasks that can't be done by using the point-and-click tools in the Salesforce user interface. For example, if validating a field value or updating a field on a record, use validation rules and flows. Use Apex triggers if performance and scale is important, if your logic is too complex for the point-and-click tools, or if you're executing CPU-intensive operations.

Triggers can be defined for top-level standard objects, such as Account or Contact, custom objects, and some standard child objects. Triggers are active by default when created. Salesforce automatically fires active triggers when the specified database events occur.

Trigger Syntax

The syntax of a trigger definition is different from a class definition's syntax. A trigger definition starts with the trigger keyword. It is then followed by the name of the trigger, the Salesforce object that the trigger is associated with, and the conditions under which it fires. A trigger has the following syntax:

```
trigger TriggerName on ObjectName (trigger_events) {
code_block
}
```

To execute a trigger before or after insert, update, delete, and undelete operations, specify multiple trigger events in a comma-separated list. The events you can specify are:

- before insert
- before update
- before delete
- after insert
- after update

- after delete
- after undelete

Trigger Example

This simple trigger fires before you insert an account and writes a message to the debug log.

1. In the Developer Console, click File | New | Apex Trigger.
2. Enter HelloWorldTrigger for the trigger name, and then select Account for the sObject. Click Submit.
3. Replace the default code with the following.

   trigger HelloWorldTrigger on Account (before insert) {

   System.debug('Hello World!');

   }
4. To save, press Ctrl+S.
5. To test the trigger, create an account.
   a. Click Debug | Open Execute Anonymous Window.
   b. In the new window, add the following and then click Execute.

      Account a = new Account(Name='Test Trigger');

      insert a;
6. In the debug log, find the Hello World! statement. The log also shows that the trigger has been executed.

Types of Triggers:

There are two types of triggers.

- **Before triggers** are used to update or validate record values before they're saved to the database.
- **After triggers** are used to access field values that are set by the system (such as a record's Id or LastModifiedDate field), and to affect changes in other records. The records that fire the *after trigger* are read-only.

H. Apex Classes

Apex classes are the building blocks of Salesforce development. They are used to implement business logic, such as creating and updating records, sending emails, and integrating with external systems. Apex classes are written in the Apex programming language, which is a strongly typed, object-oriented language that is similar to Java.

Example of an Apex class:

```
public class AccountCreator {
  public static Account createAccount(String name) {
    Account account = new Account();
```

```
        account.Name = name;
        insert account;
        return account;
    }
}
```

The Apex class AccountCreator that you provided is a simple example of how to use Apex to create a new Account record. The class defines a single method, createAccount(), which takes a string as input and returns an Account record. The method creates a new Account record with the specified name and inserts it into the database.

To use the AccountCreator class, you would first need to create a new instance of the class. Then, you could call the createAccount () method, passing in the name of the new account. The method would return the newly created Account record.

I. Lightning Web Components

Lightning Web Components is a new programming model for building Lightning components. It uses web standards breakthroughs, can coexist and interoperate with the Aura programming model, and delivers unparalleled performance. To create and develop Lightning Web Components and use their powerful features and performance benefits, you need to set up Salesforce DX. For this Quick Start, you also use Visual Studio Code, which is the recommended code editor for developing on the Salesforce platform. Once your developer environment is ready, you learn how to write a simple Lightning web component and add it to a page in Lightning Experience.

The Salesforce Developer Experience (DX) is a set of tools that streamlines the entire development life cycle. It improves team development and collaboration, facilitates automated testing and continuous integration, and makes the release cycle more efficient and agile.

Install the Command Line Interface (CLI)

Use the Salesforce CLI to control the full application life cycle of your Salesforce apps. With it you can easily create environments for development and testing, synchronize source code between your orgs and version control system (VCS), and execute tests.

Install the CLI from Salesforce CLI.

Confirm the CLI is properly installed and on the latest version by running the following command from the command line.

sf update

You should see output like Updating CLI....

J. Install Salesforce Extensions for Visual Studio Code

Visual Studio Code is the go-to code editor for Salesforce developers. It's free, open-source, and available for Windows, Linux, and macOS. This editor has easy-to-install extensions for syntax highlighting, code completion, and more.

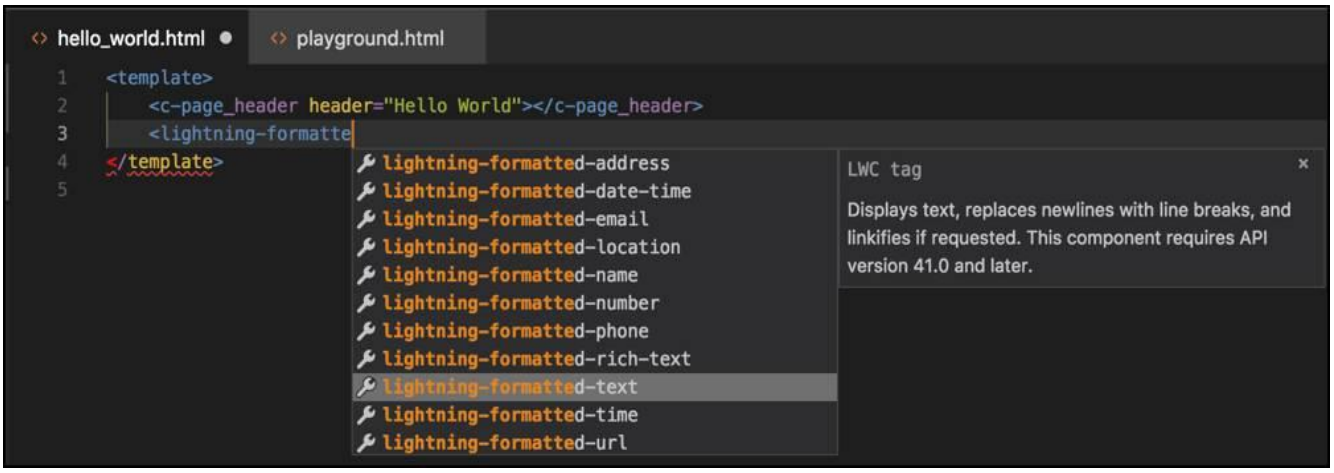

Fig 12. Visual Studio Code Programming Page

In this project, we install Visual Studio Code and the recommended Salesforce Extension Pack.

1. Download and install the latest version of Visual Studio Code for your operating system. If you already have Visual Studio Code installed, there's no need to reinstall it.
2. Launch Visual Studio Code.
3. On the left toolbar, click the Extensions icon  .
4. Search for Salesforce Extension Pack and click Install.
5. Ensure Your Development Environment Is Ready

Now that you've installed Visual Studio Code and enabled the necessary extensions, you need to test them.

1. In Visual Studio Code, open the Command Palette by pressing Ctrl+Shift+P (Windows) or Cmd+Shift+P (macOS).
2. Enter sfdx to filter for commands provided by the Salesforce Extensions.

As you use more SFDX commands, those commands will show up in the recently used panel.

K. Create a lightning web component

Create a Salesforce DX Project

Now that you've set up your development environment, you can create a simple Lightning web component.

1. In Visual Studio Code, open the Command Palette by pressing **Ctrl+Shift+P** (Windows) or **Cmd+Shift+P** (macOS).
2. Type SFDX.

3. Select **SFDX: Create Project**.
4. Press **Enter** to accept the standard option.
5. Enter HelloWorldLightningWebComponent as the project name.
6. Press **Enter**.
7. Select a folder to store the project.
8. Click **Create Project**. You should see something like this as your base setup.

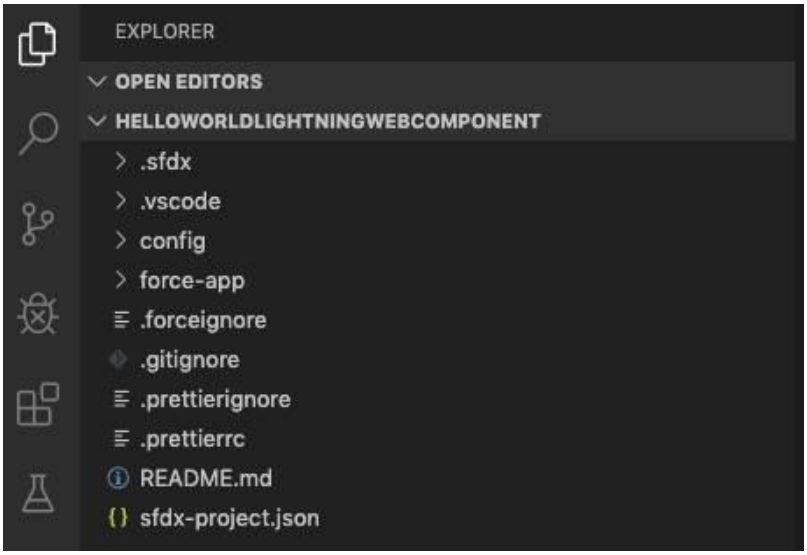

Fig 13. HelloWorld Web Component Creation

Authorize Your Trailhead Playground

1. In Visual Studio Code, open the Command Palette by pressing **Ctrl+Shift+P** (Windows) or **Cmd+Shift+P** (macOS).
2. Type SFDX.
3. Select **SFDX: Authorize an Org**.
4. Press **Enter** to accept the Project Default login URL option.
5. Press **Enter** to accept the default alias.
   This opens the Salesforce login in a separate browser window.
6. Log in using your Trailhead Playground credentials.
7. If prompted to allow access, click **Allow**.
8. After you authenticate in the browser, the CLI remembers your credentials. The success message should look like this:

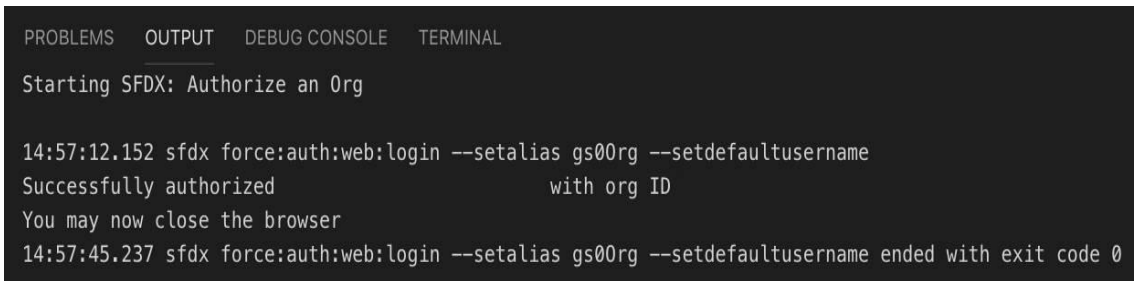

Fig 14. Authorizing SFDX

Create a Lightning Web Component

1. In Visual Studio Code, open the Command Palette by pressing **Ctrl+Shift+P** (Windows) or **Cmd+Shift+P** (macOS).
2. Type SFDX.
3. Select **SFDX:Create Lightning Web Component**. Don't use **SFDX: Create Lightning Component**. (This creates an Aura component.)
4. Enter helloWorld for the name of the new component.
5. Press **Enter** to accept the default force-app/main/default/lwc.
6. Press **Enter**.
7. View the newly created files in Visual Studio Code.

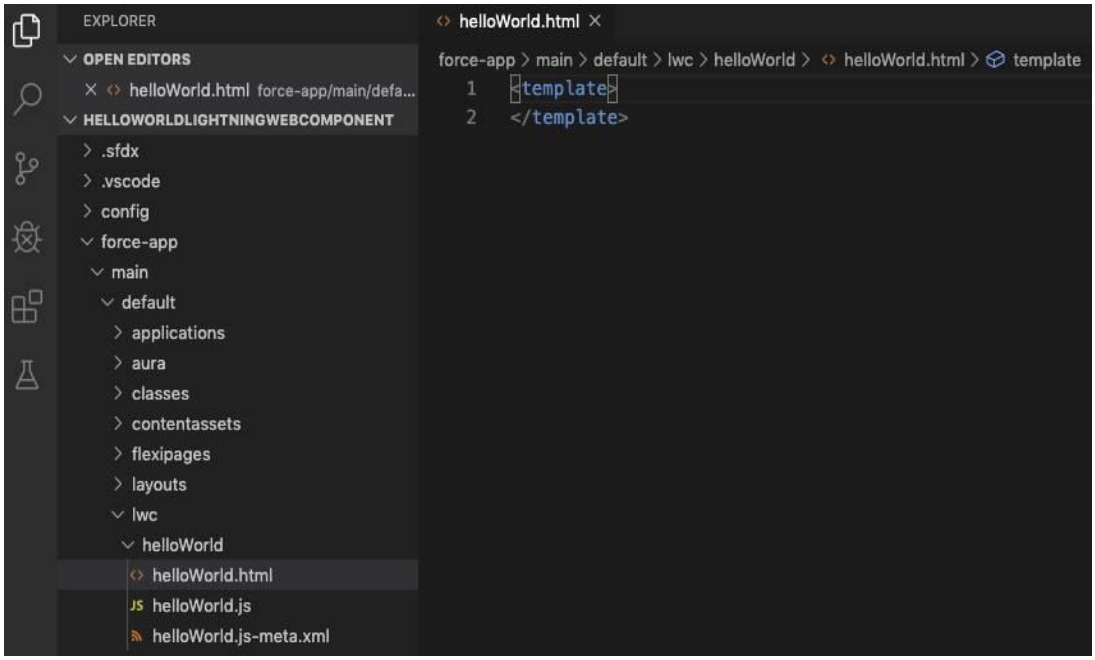

Fig 15. Viewing Newly Created LWC

8. In the HTML file, helloWorld.html, copy and paste the following code.

```
<template>
  <lightning-card title="HelloWorld" icon-name="custom:custom14">
    <div class="slds-m-around_medium">
```

```
    <p>Hello, {greeting}!</p>
    <lightning-input label="Name" value={greeting} onchange={changeHandler}></lightning-input>
   </div>
  </lightning-card>
</template>
```

9. Save the file.
10. In the JavaScript file, “helloWorld.js”, copy and paste the following code.

```
import { LightningElement } from 'lwc';
export default class HelloWorld extends LightningElement {
        greeting = 'World';
        changeHandler(event) {
          this.greeting = event.target.value;
         }
}
```

11. Save the file.
12. In the XML file “helloWorld.js-meta.xml”, copy and paste the following code.

```
<?xml version="1.0" encoding="UTF-8"?>
<LightningComponentBundle xmlns=”http://soap.sforce.com/2006/04/metadata”
fqn="helloWorld">
        <apiVersion>52.0</apiVersion>
        <isExposed>true</isExposed>
        <targets>
                <target>lightning__AppPage</target>
                <target>lightning__RecordPage</target>
                <target>lightning__HomePage</target>
        </targets>
</LightningComponentBundle>
```

13. Save the file.

CHAPTER 4: INTERNSHIP PART

The Intern Salesforce Developer Trailmix will work under the supervision of a senior Salesforce Developer and will be involved in various tasks related to Salesforce Development. The working conditions will be professional and structured, with an emphasis on maintaining a positive and productive work environment.

The weekly work schedule will be defined based on the intern's availability and the project's requirements. The intern will be expected to attend regular team meetings and work on assigned tasks. The equipment used will include a computer or laptop with the required software and tools, such as the Salesforce platform, Visual Studio Code, and Git.

The tasks performed by the intern may include, but are not limited to, creating custom objects, developing custom Apex triggers, writing test classes, creating Visualforce pages, and integrating third-party applications. The intern will also be expected to document their work and provide regular updates to their supervisor.

Superbadges:

Superbadges are skill-based, domain-level credentials that ask you to show your Salesforce expertise by solving complex, real-world-inspired challenges that businesses face every day. To earn a superbadge, you must first unlock it by completing prerequisite Trailhead badges on core concepts.

Apex Specialist:

Apex is a programming language that uses Java-like syntax and acts like database stored procedures. Apex enables developers to add business logic to system events, such as button clicks, updates of related records, and Visualforce pages. As a language, like other object-oriented programming languages, these are some of the language constructs that Apex supports:

- Classes, interfaces, properties, and collections (including arrays). Object and array notation.
- Expressions, variables, and constants.
- Conditional statements (if-then-else) and control flow statements (for loops and while loops).

Flow Elements and Resources Specialist:

The “Flow Elements and Resources Specialist Superbadge” is a valuable credential for anyone who wants to learn how to use Flow to automate business processes. This Superbadge will assess your ability to identify and use Flow elements and resources to build effective flows.

Flow is a powerful tool that can be used to automate a wide variety of business processes. By completing this Superbadge, you will gain the skills and knowledge you need to use Flow to automate your own business processes.

Screen Flow Specialist:

The "Screen Flow Specialist Superbadge" is a valuable credential for anyone who wants to learn how to use Screen Flows to create user interfaces for Salesforce applications. This Superbadge will assess your ability to design, build, and deploy Screen Flows.

Screen Flows are a powerful tool that can be used to create user interfaces that are both user-friendly and efficient. By completing this Superbadge, you will gain the skills and knowledge you need to create Screen Flows that meet the needs of your business.

Process Automation Specialist:

The "Process Automation Specialist Superbadge" is a valuable credential for anyone who wants to learn how to automate business processes using Flow, Screen Flows, and Approval Processes. This Superbadge will assess your ability to identify automation opportunities, design and implement automated processes, and troubleshoot automation issues.

Process automation is a critical tool for businesses of all sizes. By automating your business processes, you can reduce costs, improve efficiency, and free up your employees to focus on more strategic tasks. By completing this Superbadge, you will gain the skills and knowledge you need to automate your business processes using Salesforce

Developer Super Set:

The "Developer Super Set" is a valuable credential for anyone who wants to learn how to develop Salesforce applications using Apex, Visualforce, and other Salesforce technologies. This Super Set includes the following Superbadges:

- Apex Developer Superbadge
- Visualforce Developer Superbadge
- Marketing Cloud Developer Superbadge
- Experience Cloud Developer Superbadge
- Einstein Analytics Developer Superbadge

By completing this Super Set, you will demonstrate your expertise in developing Salesforce applications. This will make you a valuable asset to any company that uses Salesforce.

Here is a brief explanation of each Superbadge in the Developer Super Set:

- **Apex Developer Superbadge:** This Superbadge assesses your ability to develop and maintain Apex code. Apex is a programming language that can be used to extend the functionality of Salesforce applications.
- **Visualforce Developer Superbadge:** This Superbadge assesses your ability to develop and maintain Visualforce pages. Visualforce is a declarative language that can be used to create user interfaces for Salesforce applications.

Fig 17. Apex specialist

Fig 18. Flow Elements and Resources Specialist

Fig 19. Screen Flow Specialist

Fig 20. Process Automation Specialist

Fig 21. Developer Super Set

CHAPTER-5: ACTIVITY LOG AND REPORT

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Wednesday (23/8/23)**	**Module:** Salesforce Values: Quick Look	Understand Salesforce's core values and how they impact your organization.
Day – 2 **Thursday (24/8/23)**	**Module:** Trailblazer Community: Quick Look	Discover the Trailblazer Community and learn how to connect with other Salesforce professionals.
Day – 3 **Friday (25/8/23)**	**Module:** Your Guide to Trailhead	Get familiar with the Trailhead learning platform and how to navigate it effectively.
Day – 3 **Friday (25/8/23)**	**Module:** Trailhead Playground Management	Learn how to create and manage Trailhead playgrounds to practice your Salesforce skills.
Day – 4 **Saturday (26/8/23)**	**Module:** Salesforce Credentials: Quick Look	Explore the various Salesforce credentials available and how to earn them.
Day – 4 **Saturday (26/8/23)**	**Module:** Salesforce Credentials: Quick Look	Explore the various Salesforce credentials available and how to earn them.

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Monday (28/8/23)**	**Module:** Setup: Quick Look	Learn how to navigate Setup and use the Object Manager to create and edit objects.
Day - 2 **Tuesday (29/8/23)**	**Module:** Salesforce Platform Basics	Gain an introduction to the Salesforce platform, its key components, and how to use it to build solutions.
Day – 3 **Wednesday (30/8/23)**	**Project:** Quick Start: Build a Salesforce App	Create a simple Salesforce app to track visits to your local park.
Day – 4 **Thursday (31/8/23)**	**Project:** Quick Start: Build a Salesforce App	Create a simple Salesforce app to track visits to your local park.
Day – 5 **Friday (1/9/23)**	**Project:** Quick Start: Lightning App Builder	Build an app for sales reps in the field without writing any code.
Day – 5 **Friday (1/9/23)**	**Project:** Customize a Salesforce Object	Use picklists, filters, formulas, and other tools to customize an object in your Salesforce org.

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Monday (4/9/23)**	**Module:** Data Modelling	Understand how to model data in Salesforce using objects, fields, and relationships.
Day - 2 **Tuesday (5/9/23)**	**Module:** Data Management	Learn how to import, export, and manage data in Salesforce.
Day – 3 **Wednesday (6/9/23)**	**Module:** Duplicate Management	Discover strategies for identifying, resolving, and preventing duplicate records in Salesforce.
Day – 3 **Wednesday (6/9/23)**	**Module:** Picklist Administration	Understand how to choose the right picklist field for the job, manage picklists, and share picklist values.
Day – 4 **Thursday (7/9/23)**	**Module:** Formulas and Validations	Learn how to use point-and-click logic to tailor your Salesforce apps without writing code.
Day – 5 **Friday (8/9/23)**	**Module:** Lightning App Builder	Build custom pages for Lightning Experience quickly with point-and-click tools

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Monday (11/9/23)**	**Module:** Event Monitoring	Gain insights into your Salesforce org by using Event Monitoring to track user activity and changes to data.
Day - 2 **Tuesday (12/9/23)**	**Module:** Shield Platform Encryption	Learn how to encrypt your data at-rest in the cloud and manage the life cycle of your encryption keys.
Day – 3 **Wednesday (13/9/23)**	**Module:** Approve Records with Approval Processes	Understand how to create and manage approval processes to ensure that critical records are reviewed by the right people at the right time.
Day – 4 **Thursday (14/9/23)**	**Project:** Build a Discount Approval Process	Create an approval process that allows sales reps to get approval for discount offers.
Day – 5 **Friday (15/9/23)**	**Project:** Build a Discount Approval Process	Create an approval process that allows sales reps to get approval for discount offers.
Day – 6 **Saturday (16/9/23)**	**Project:** Build a Discount Approval Process	Create an approval process that allows sales reps to get approval for discount offers.

ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Tuesday** **(19/9/23)**	**Module:** Leads and Opportunities	Manage leads and opportunities throughout the sales process
Day - 2 **Wednesday** **(20/9/23)**	**Module:** API Basics	Understand what APIs are and how they work
Day – 3 **Thursday** **(21/9/23)**	**Module:** Developer Console Basics	Get familiar with the Salesforce Developer Console.
Day – 4 **Friday** **(22/9/23)**	**Module:** Apex Basics & Database	Use Apex to interact with the Salesforce database.
Day – 5 **Saturday** **(23/9/23)**	**Module:** Apex Triggers	Understand what Apex triggers are and how they work
Day – 5 **Saturday** **(23/9/23)**	**Module:** Apex Testing	Use Salesforce's testing framework to test the code.

ACTIVITY LOG FOR THE SIXTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Monday** **(25/9/23)**	**Module:** Asynchronous Apex	Understand what asynchronous Apex is and how it works
Day – 2 **Tuesday** **(26/9/23)**	**Module:** Apex Integration Services	Integrate with external applications using Apex REST and SOAP services
Day – 3 **Wednesday** **(27/9/23)**	**Module:** Visualforce Basics	Use Visualforce to create custom user interfaces for Salesforce apps
Day – 4 **Thursday** **(28/9/23)**	**Project:** Quick Start: Lightning Web Components	Set up your developer environment for Lightning Web Components
Day – 4 **Thursday** **(28/9/23)**	**Module:** Lightning Web Components Basics	Build reusable, performant Lightning Web Components that follow modern web standards
Day – 5 **Friday** **(29/9/23)**	**Module:** Lightning Web Components Basics	Use the Lightning Element framework to develop enterprise-grade components.

ACTIVITY LOG FOR THE SEVENTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Tuesday (3/10/23)**	**Superbadge:** Apex Specialist	Master Apex coding skills to add business logic and manipulate data in Salesforce
Day - 2 **Wednesday (4/10/23)**	**Superbadge:** Apex Specialist	Develop complex Apex applications
Day – 2 **Wednesday (4/10/23)**	**Superbadge:** Apex Specialist	Optimize Apex code for performance and security
Day – 3 **Thursday (5/10/23)**	**Superbadge:** Apex Specialist	Debug and troubleshoot Apex code
Day – 3 **Thursday (5/10/23)**	**Superbadge:** Approval Process Specialist	Design and implement approval processes for Salesforce records.
Day – 4 **Friday (6/10/23)**	**Superbadge:** Approval Process Specialist	Use advanced approval process features, such as parallel approvals and conditional routing

ACTIVITY LOG FOR THE EIGHTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME
Day – 1 **Monday** **(9/10/23)**	**Superbadge:** Flow Elements and Resources Specialist	Master the use of Flow elements and resources to build effective flows in Salesforce
Day - 2 **Tuesday** **(10/10/23)**	**Superbadge:** Flow Elements and Resources Specialist	Integrate flows with other Salesforce features, such as Apex and Visualforce
Day – 3 **Wednesday** **(11/10/23)**	**Superbadge:** Screen Flow Specialist	Design, build, and deploy Screen Flows to create user interfaces for Salesforce applications
Day – 4 **Thursday** **(12/10/23)**	**Superbadge:** Screen Flow Specialist	Use Screen Flow components and attributes to create rich and interactive user interfaces
Day – 5 **Friday** **(13/10/23)**	**Superbadge:** Process Automation Specialist	Automate business processes using Flow, Screen Flows, and Approval Processes
Day – 6 **Saturday** **(14/10/23)**	**Superbadge:** Developer Superset	Develop expertise in Apex, Visualforce, and other Salesforce technologies.

WEEKLY REPORT

WEEK – 1 (From 23-08-2023 to Dt 26-08-2023)

Objective of the Activity Done: Understanding Salesforce's core values, community, learning platform, and credentials.

Detailed Report:

- Understand Salesforce's core values and how they impact your organization.
- Discover the Trailblazer Community and learn how to connect with other Salesforce professionals.
- Get familiar with the Trailhead learning platform and how to navigate it effectively.
- Learn how to create and manage Trailhead playgrounds to practice your Salesforce skills.
- Explore the various Salesforce credentials available and how to earn them.
- Explore the various Salesforce credentials available and how to earn them.

WEEKLY REPORT

WEEK – 2 (From Dt 28-08-2023 to Dt 01-09-2023)

Objective of the Activity Done: Learning the Salesforce platform, Object Manager, and how to build solutions.

Detailed Report:

- Learn how to navigate Setup and use the Object Manager to create and edit objects.
- Gain an introduction to the Salesforce platform, its key components, and how to use it to build solutions.
- Create a simple Salesforce app to track visits to your local park.
- Create a simple Salesforce app to track visits to your local park.
- Build an app for sales reps in the field without writing any code.
- Use picklists, filters, formulas, and other tools to customize an object in your Salesforce org.

WEEKLY REPORT

WEEK – 3 (From Dt 04-09-2023 to Dt 08-09-2023)

Objective of the Activity Done: Learn data modeling and management in Salesforce and building custom apps and pages with point-and-click tools.

Detailed Report:

- Understand how to model data in Salesforce using objects, fields, and relationships.
- Learn how to import, export, and manage data in Salesforce.
- Discover strategies for identifying, resolving, and preventing duplicate records in Salesforce.
- Understand how to choose the right picklist field for the job, manage picklists, and share picklist values.
- Learn how to use point-and-click logic to tailor your Salesforce apps without writing code.
- Build custom pages for Lightning Experience quickly with point-and-click tools.

WEEKLY REPORT

WEEK – 4 (From Dt 11-09-2023 to Dt 16-09-2023)

Objective of the Activity Done: Use Salesforce Event Monitoring and encryption to protect data and ensure compliance.

Detailed Report:

- Gain insights into your Salesforce org by using Event Monitoring to track user activity and changes to data.
- Learn how to encrypt your data at-rest in the cloud and manage the life cycle of your encryption keys.
- Understand how to create and manage approval processes to ensure that critical records are reviewed by the right people at the right time.
- Create an approval process that allows sales reps to get approval for discount offers.
- Make it easy for your sales reps to get the approvals they need for discount offers.
- Build an app for sales reps in the field.

WEEKLY REPORT

WEEK – 5 (From Dt 19-09-2023 to Dt 23-09-2023)

Objective of the Activity Done: Use Salesforce APIs and the Developer Console to customize and extend the platform.

Detailed Report:

- Manage leads and opportunities throughout the sales process.
- Understand what APIs are and how they work
- Get familiar with the Salesforce Developer Console.
- Use Apex to interact with the Salesforce database.
- Understand what Apex triggers are and how they work
- Use Salesforce's testing framework to test the code.

WEEKLY REPORT

WEEK – 6 (From Dt 25-09-2023 to Dt 29-09-2023)

Objective of the Activity Done: Learn how to develop and deploy complex Salesforce solutions using asynchronous Apex, external integrations, Visualforce, and Lightning Web Components.

Detailed Report:

- Understand what asynchronous Apex is and how it works.
- Integrate with external applications using Apex REST and SOAP services.
- Use Visualforce to create custom user interfaces for Salesforce apps.
- Set up your developer environment for Lightning Web Components.
- Build reusable, performant Lightning Web Components that follow modern web standards.

WEEKLY REPORT

WEEK – 7 (From Dt 03-10-2023 to Dt 06-10-2023)

Objective of the Activity Done: Develop and deploy complex Salesforce solutions using advanced Apex coding and approval process features.

Detailed Report:

- Master Apex coding skills to add business logic and manipulate data in Salesforce.
- Develop complex Apex applications.
- Optimize Apex code for performance and security.
- Debug and troubleshoot Apex code.
- Integrate with external apps using Apex REST and SOAP services.
- Use advanced approval process features, such as parallel approvals and conditional routing.

WEEKLY REPORT

WEEK – 8 (From Dt 09-10-2023 to Dt 14-10-2023)

Objective of the Activity Done: Master Salesforce Flow to build effective flows and user interfaces.

Detailed Report:

- Master the use of Flow elements and resources to build effective flows in Salesforce.
- Integrate flows with other Salesforce features, such as Apex and Visualforce.
- Design, build, and deploy Screen Flows to create user interfaces for Salesforce applications.
- Use Screen Flow components and attributes to create rich and interactive user interfaces.
- Develop expertise in Apex, Visualforce, and other Salesforce technologies.

CHAPTER 6: OUTCOMES DESCRIPTION

Technical Skills:

- Gain hands-on experience with developing Salesforce applications using Apex, Visualforce, and other Salesforce technologies.
- Learn how to create custom objects, fields, and relationships in Salesforce.
- Become proficient in using the Salesforce Developer Console for editing and debugging code.
- Develop skills in building user interfaces using Visualforce and Lightning Web Components.
- Learn how to integrate external data sources with Salesforce.
- Gain experience with deploying Salesforce applications to production.

Business Skills:

- Develop a deeper understanding of the Salesforce platform and how it can be used to solve business problems.
- Learn how to translate business requirements into technical solutions.
- Become proficient in communicating technical concepts to non-technical stakeholders.
- Develop problem-solving and debugging skills.
- Gain experience in working as part of a team to develop and deliver Salesforce applications.

Career Advancement:

- Prepare for Salesforce certification exams, such as the Salesforce Developer certification.
- Enhance your resume and make yourself more marketable to potential employers.
- Gain the skills and experience necessary to advance your career in Salesforce development.
- Build a portfolio of Salesforce applications to showcase your skills and experience.
- Become a valuable asset to your organization by contributing to the development of Salesforce solutions.

In addition to these outcomes, completing the Salesforce Developer project can also helped us to:

- Increase your knowledge of Salesforce products and features.
- Stay up-to-date with the latest Salesforce development trends.

CHAPTER 7: CONCLUSION

I am grateful for the opportunity to have participated in the Salesforce Developer Trailmix Virtual Internship. I have learned a great deal about Salesforce development and I am now confident that I have the skills necessary to start a career as a Salesforce developer.

I would recommend the Salesforce Developer Trailmix Virtual Internship to anyone who is interested in becoming a Salesforce developer. It is a great way to learn the skills you need to be successful in this field.

Thank you to Salesforce for offering this internship and to Trailhead for providing such a comprehensive learning experience.

Student Self-Evaluation for the Short-Term Internship

Student Name: Registration No:

Term of Internship: 8 Weeks From: August 2023 To October 2023

Date of Evaluation:

Organization Name & Address: Smart Internz

Name and Address of the Supervisor: Salesforce

Please rate your performance in the following areas:

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 Student**

OUTPUT SCREENS

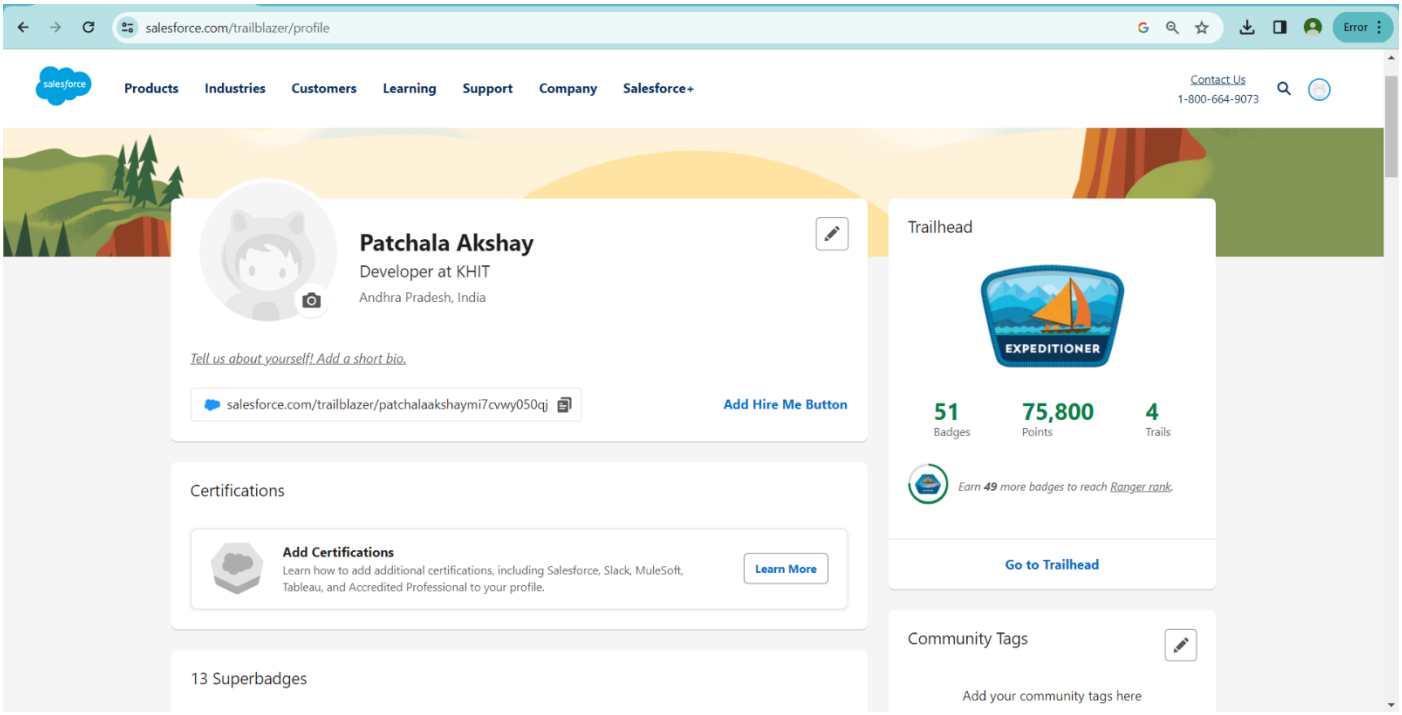

Fig 22. Trailblazer Profile

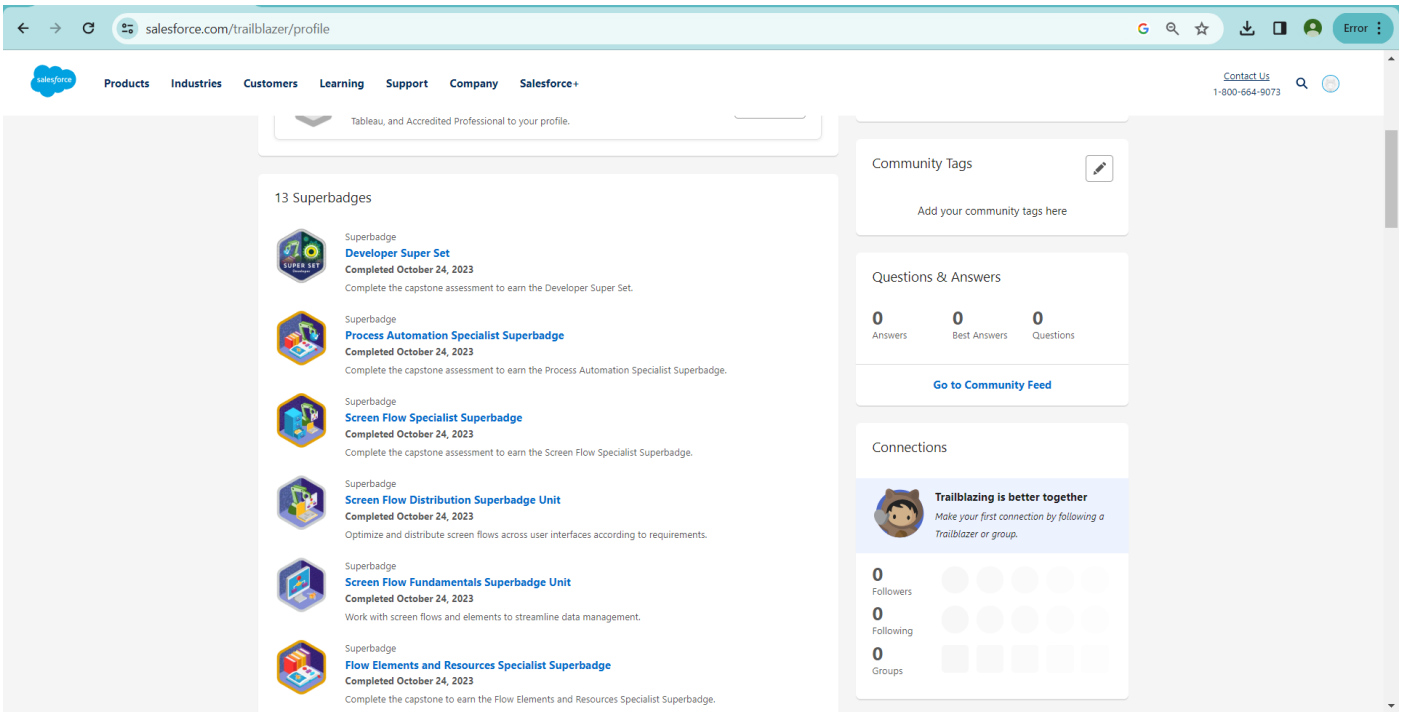

Fig 23. List of completed Salesforce Badges

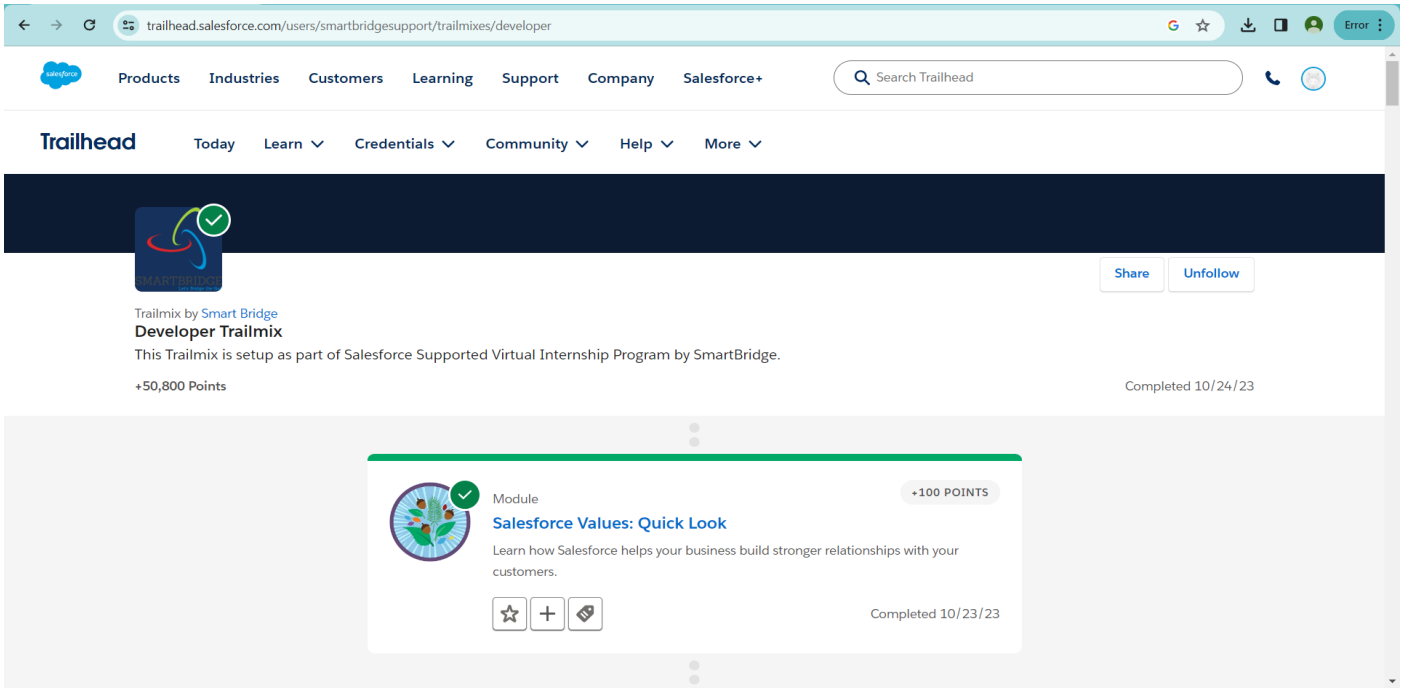

Fig 24a. Salesforce Developer Trailmix Home Page

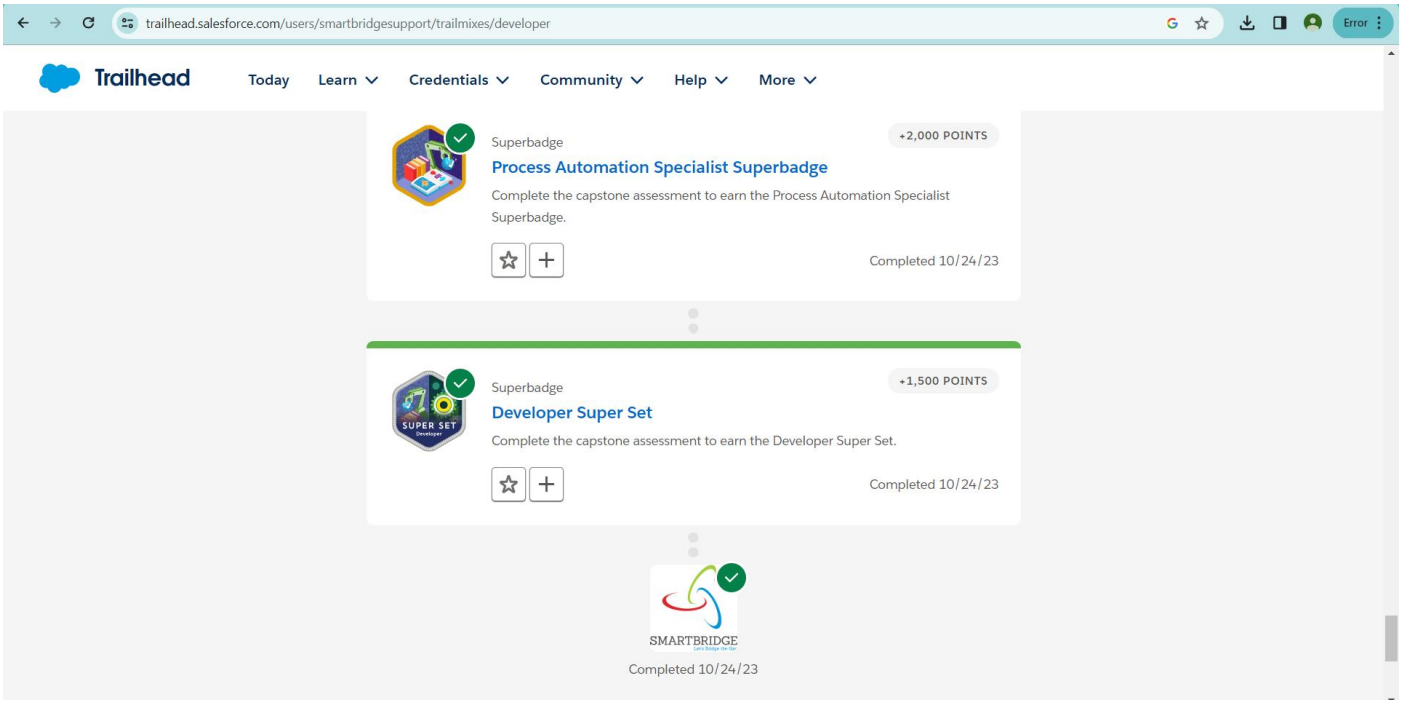

Fig 24b. Salesforce Developer Trailmix Home Page

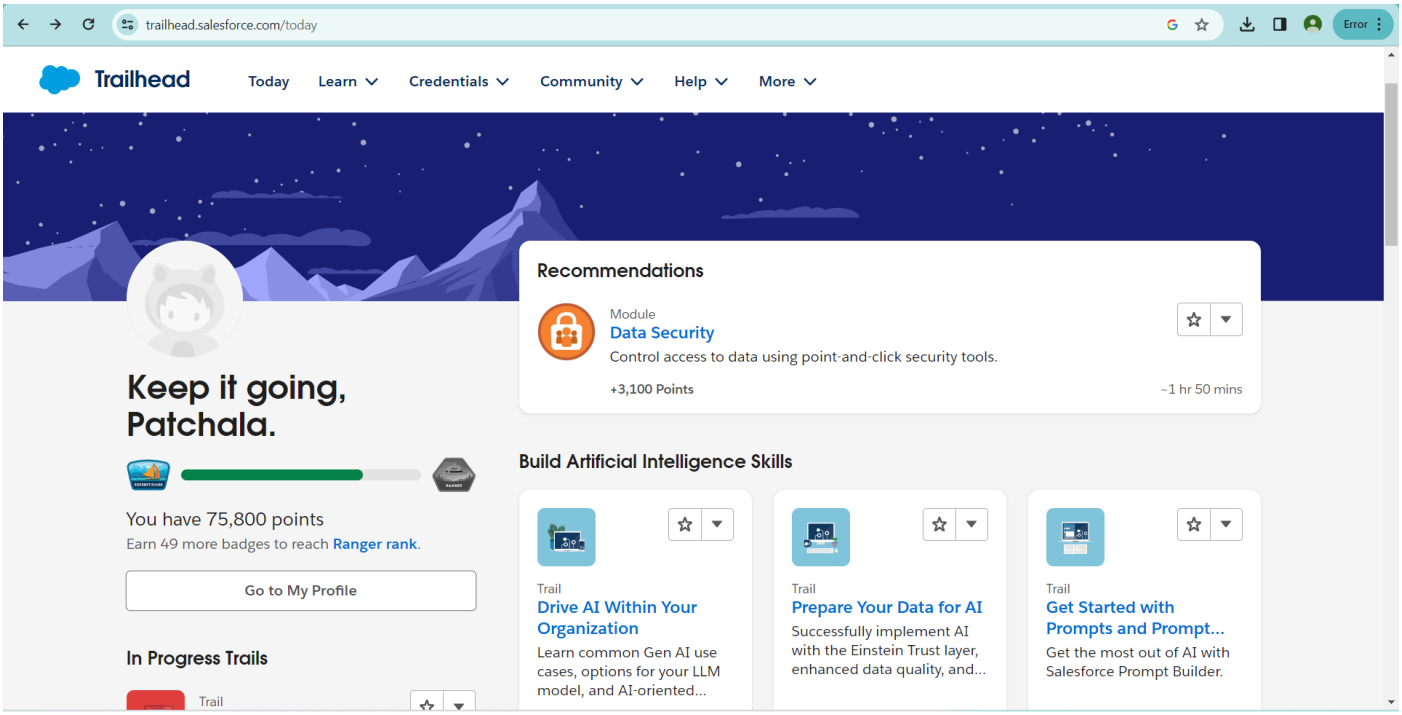

Fig 25. Salesforce Trailhead Home Page

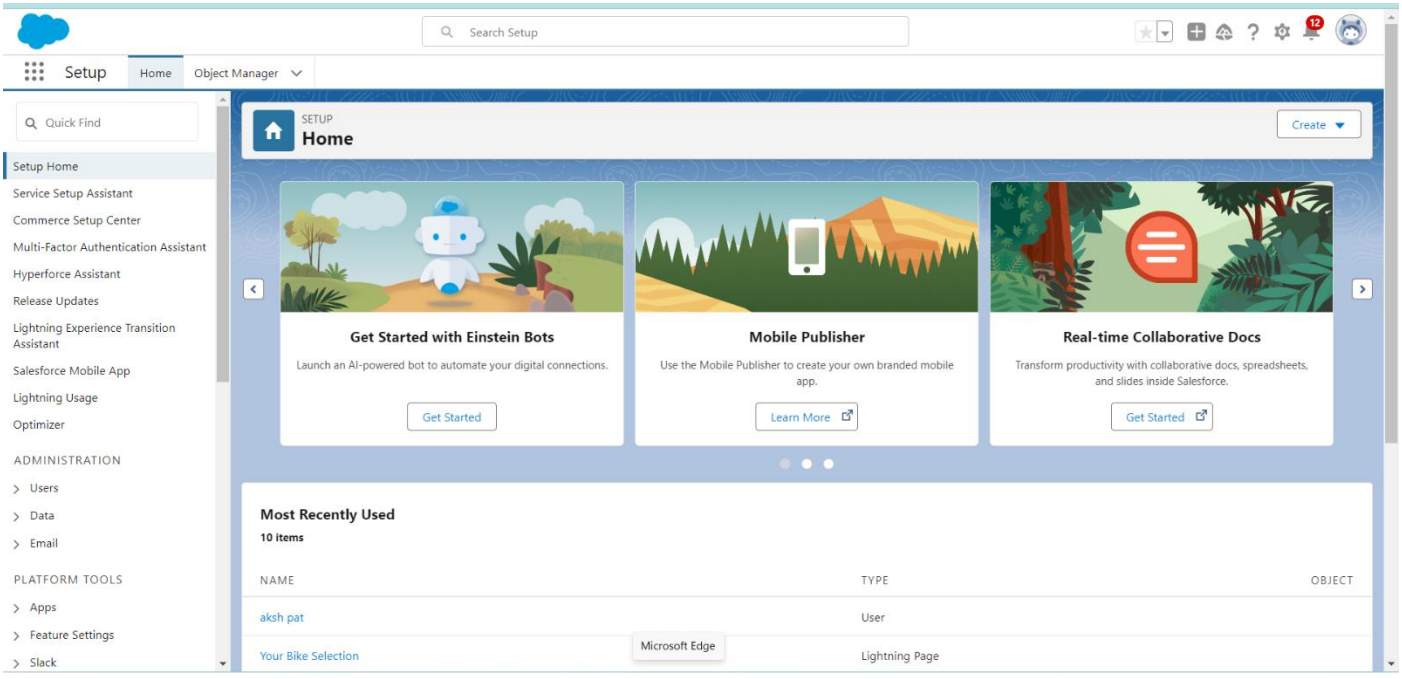

Fig 26. Salesforce Sandbox