

A

Project Report on

## PORTFOLIO USING CHATBOT

Submitted in partial fulfilment of completion of the course

**Advanced Diploma in IT, Networking and Cloud Computing**

Submitted by:

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**(Edunet Mentor) Miss Deepika Singh**



**Year 2023-2024**

**Ministry of Skill Development & Entrepreneurship**



**NSTI(W) NOIDA**

## ABSTRACT

This project showcases a dynamic portfolio, crafted with HTML, CSS, and JavaScript, to spotlight individual skills and achievements. It features a user-friendly interface designed for seamless exploration across devices. The addition of an AI-powered chatbot, leveraging IBM Watson, enhances interactivity, allowing users to inquire about the creator, projects, or engage in casual conversations. The fusion of modern web development techniques and AI integration creates a personalized and innovative user experience. The report details technical aspects, including IBM Watson services integration, web development principles, and user feedback, reflecting a successful blend of creativity and technology for engaging web interactions.

## ACKNOWLEDGEMENT

We extend our heartfelt gratitude to our guide, **Miss. Deepika Singh**, for her invaluable assistance, guidance, and cooperation in the successful completion of this project. Special appreciation goes to our course coordinator, **Mr. D.A. Guruvulu**, for his insightful suggestions and guidance. We are thankful to our respected Head of the division, **Smt. Shashi Mathur [JD NSTI(W) NOIDA]**, for granting us access to essential facilities and resources crucial for our project's success. Finally, we express deep appreciation to our friends and family for their unwavering support and encouragement. Their presence has been a constant source of strength and motivation throughout our project.

## ADVANCE DIPLOMA IN IT NETWORKING & CLOUD COMPUTING

The Advanced Diploma in IT Networking and Cloud Computing program offered by **NSTI (W) Noida** in collaboration with **Edunet Foundation** is a comprehensive course designed to equip students with advanced skills in information technology and cloud computing. This program covers a wide range of topics, including Computer Networking, Database Management, Virtualization, Cloud Technologies, and Cybersecurity. Students will gain hands-on experience through practical labs, workshops, and real-world projects, enabling them to excel in the rapidly evolving IT industry. Upon completion of the program, Graduates will have a strong foundation in both IT Fundamentals and Cloud Computing, making them highly sought-after professionals in the field.

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## 1. INTRODUCTION TO PROBLEM

In today's digital landscape, individuals encounter the challenge of effectively showcasing their professional accomplishments while engaging their audience in a dynamic and personalized manner. Traditional portfolios often fall short in providing interactivity, struggling to deliver an immersive experience for visitors. Additionally, the absence of efficient and engaging communication channels on personal websites remains a prevalent issue.

This project endeavors to tackle these challenges by crafting a dynamic and interactive portfolio. Beyond showcasing the creator's skills and achievements, it introduces a unique user experience through an AI-powered chatbot. The absence of personalized and intelligent communication tools on personal websites poses a limitation in conveying information and engaging with the audience effectively. The integration of IBM Watson's capabilities into the chatbot aims to bridge this gap, offering natural language interactions that elevate user engagement, resulting in a more memorable and personalized experience.

At its core, the project's problem statement revolves around the necessity for a modern, interactive, and intelligent platform. This platform seamlessly integrates web development principles with artificial intelligence, creating a compelling and personalized user experience. Through this initiative, we aspire to redefine the way individuals present their professional profiles online, providing a solution that not only meets current expectations but also sets a standard for future personal websites.

## 2. REQUIREMENTS

### 2.1 Technology Stack

#### Front-End:

**HTML (Hypertext Markup Language):** Used for structuring the content and layout of web pages.

**CSS (Cascading Style Sheets):** Employed for styling and formatting the website, defining its visual appearance.

**JavaScript:** Utilized for adding interactivity and dynamic behavior to the frontend of the website.

#### Front-End Framework:

**Bootstrap:** A front-end framework for designing responsive and visually appealing user interfaces.

## 2.2 Hardware

Laptop/ Computer

## 2.3 Software

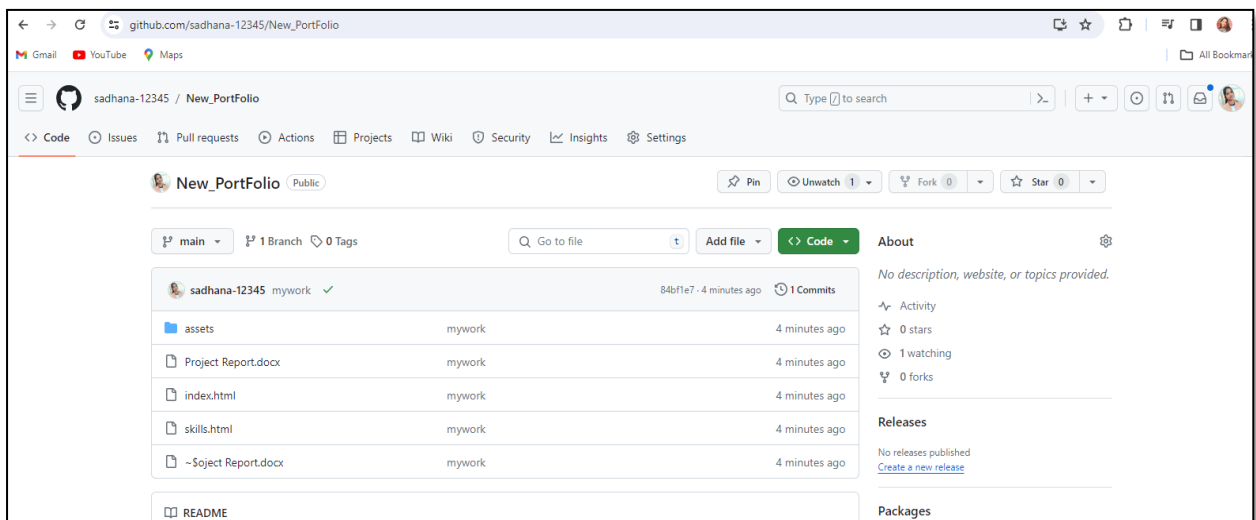
Operating System (OS)

Version Control System

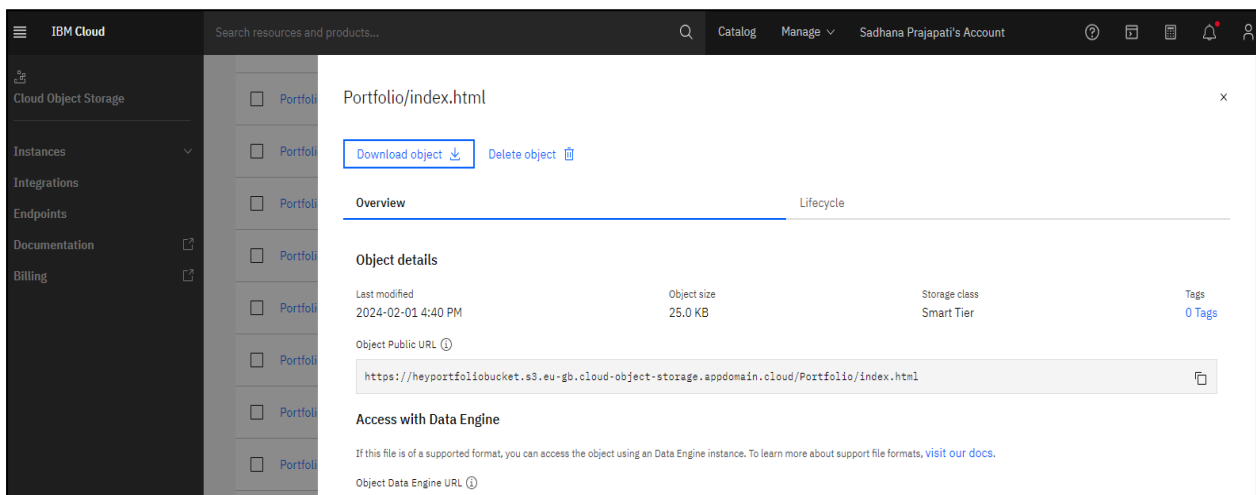
Text Editors and Integrated Development Environments.

## 2.4 Deployment Environment

### GitHub



### IBM Cloud



### 3. OVERVIEW

The showcased portfolio in this project is a dynamic and immersive platform meticulously crafted to narrate the professional journey, skills, and achievements of individuals in a captivating manner. Utilizing a modern and responsive web design, the portfolio serves as a visual narrative, providing a seamless experience for visitors across various devices.

### 4. PROJECT MODULE

The entire project revolves around a single module, the **User Module**, which encompasses the following sections:

- Home
- About
- Skills
- Education
- Projects
- Certification
- Contact

**Home:** Welcome to My Portfolio. This section serves as the user interface, providing an introduction to my journey.

**About:** Learn more about me – my background, interests, and what drives my passion for web development.

**Skills:** Discover the skills I've acquired in various technologies and tools, essential for full-stack web development.

**Education:** Explore my academic journey, highlighting key milestones and achievements.

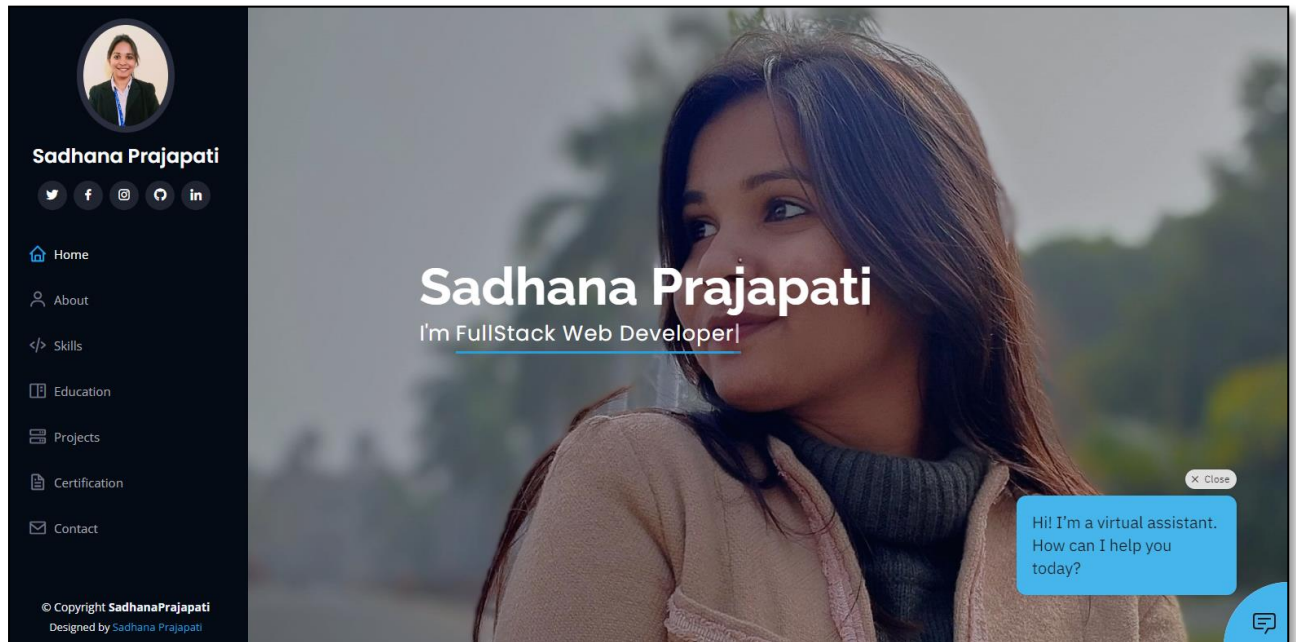
**Projects:** View a showcase of my latest projects, demonstrating my creativity and technical expertise.

**Certification:** Check out my certifications, showcasing my commitment to continuous learning and skill enhancement.

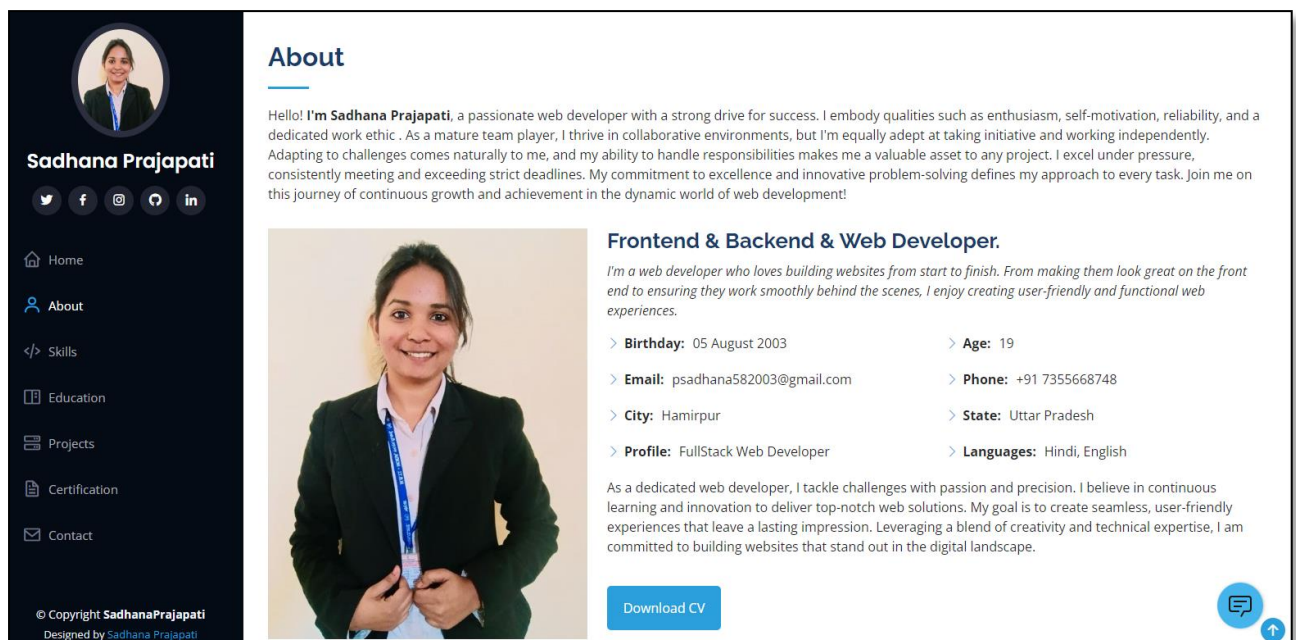
**Contact:** Feel free to connect with me for further information, collaboration, or any inquiries.

## 5. SAMPLE SCREENSHOTS


### Home Page



### About Page



## Skills Page



**Sadhana Prajapati**

Twitter Facebook Instagram GitHub LinkedIn

Home About Skills Education Projects Certification Contact



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### Skills


Continuously enhancing my skill set to deliver exceptional web solutions. Below are some of the technologies and tools I'm proficient in:

HTML	100%	CSS	90%
JAVASCRIPT	75%	BOOTSTRAP	80%
JQUERY	80%	MYSQL	79%
PHP	75%	LARAVEL	65%
PYTHON	72%	MONGODB	85%
DJANGO	69%	FLASK	40%

Education



## Education Page



**Sadhana Prajapati**

Twitter Facebook Instagram GitHub LinkedIn

Home About Skills Education Projects Certification Contact

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### Education

Continuing my educational journey to acquire knowledge and skills. Here are the details of my academic achievements:

- ADVANCE DIPLOMA IN IT NETWORKING & CLOUD COMPUTING**  
2022 - Present  
National Skill Training Institute Women ,Noida  
Currently pursuing a diploma in IT with a focus on web development and software engineering. Acquiring in-depth knowledge of algorithms, data structures, and programming languages.
- HIGHER-SECONDARY CERTIFICATE**  
2020 - 2021  
University Of Prayagraj  
Completed my Higher-Secondary education with a specialization in Science. Developed a strong foundation in mathematics, physics, and chemistry, laying the groundwork for my academic pursuits.
- SECONDARY SCHOOL CERTIFICATE**  
2018 - 2019  
University Of Prayagraj  
Attained my Secondary School Certificate with a focus on a well-rounded curriculum. Developed critical thinking and problem-solving skills during this foundational stage of my education.


### Experience

Fresher





## Projects Page



**Sadhana Prajapati**



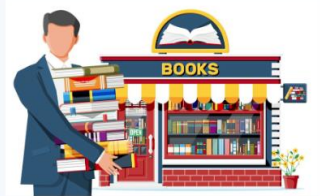


Twitter Facebook Instagram GitHub LinkedIn

Home About Skills Education Projects Certification Contact

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### Projects

Explore my portfolio of web development projects. From responsive websites to dynamic web applications, I take pride in delivering high-quality solutions. Check out the examples below to see my expertise in action:



+ ↻

## Certification Page



**Sadhana Prajapati**


Twitter Facebook Instagram GitHub LinkedIn

Home About Skills Education Projects Certification Contact

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### Certification & Achievements

Explore my certifications and notable achievements in the field. I'm committed to continuous learning and achieving milestones in my journey. Here are a few highlights:




**Skills Build Certification**

Explore my Skills Build Certification for a comprehensive overview of the skills I have acquired. Click the link below to view the certificate.




**Cyber Security Certification**

Explore my Cyber Security Certification for a detailed overview of my expertise in securing digital environments. Click the link below to view the certificate.




**Simplilearn Certification**

Explore my Simplilearn Certification for comprehensive knowledge in the specified domain. Click the link below to view the certificate.




**Green Skills Certification**

Discover my Green Skills Certification showcasing expertise in sustainable practices. Click the link below to view the certificate.



**IBM Chatbot**

I am certified with the "Build Your Own Chatbot" certificate from IBM. Click the link below to view the certificate..




**Credly Badges**

View my collection of Credly Badges representing various achievements. Click the link below to explore the badges.

### Contact

## Contact Page



**Sadhana Prajapati**

🐦 🌐 📷 🔄 📧

- Home
- About
- Skills
- Education
- Projects
- Certification
- Contact

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### Contact

Feel free to get in touch with me for any inquiries or collaboration opportunities. I'm available through the following channels:

**Location:**  
Hamirpur, Uttar Pradesh

**Email:**  
psadhana582003@gmail.com

**Call:**  
+91 7355668748





Your Name

Your Email

Subject

Message

[Send Message](#)




## 6. CHATBOT CREATION & INTEGRATION

### Procedure:

#### STEP 1: Login to IBM Cloud

- Log in to IBM Cloud using your email ID and Enter your password to access the dashboard.



### Log in to IBM Cloud

Don't have an account? [Create an account](#)

Sign In with

IBMid

[Continue](#)

[Forgot ID?](#)

☐ Remember ID

### Log in to IBM

Password

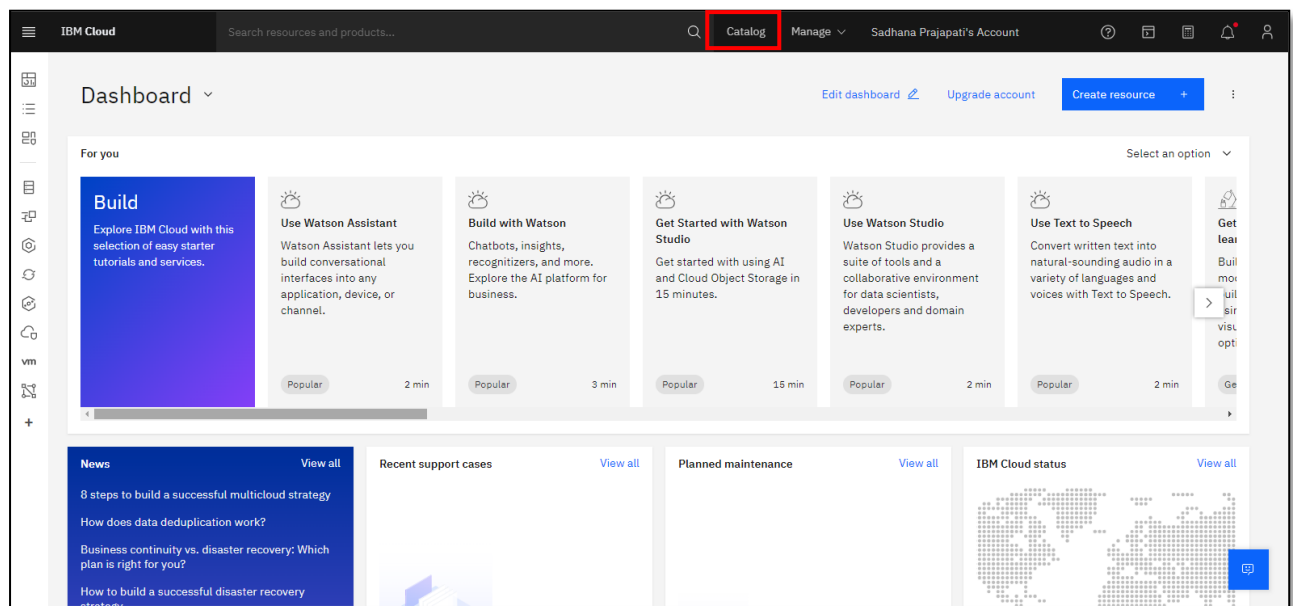
Logging in as psadhana582003@gmail.com [Not you?](#)

[Log in](#)

[Forgot password?](#)

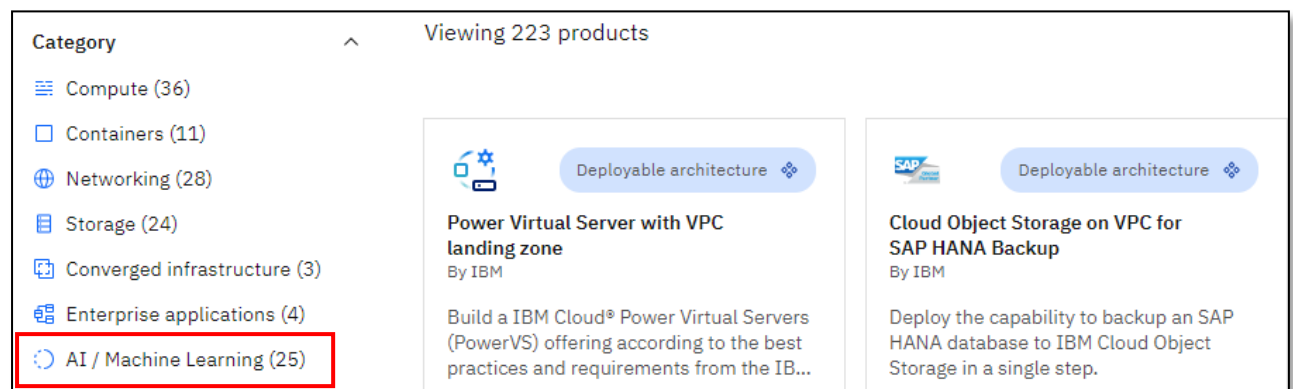
## STEP 2: Navigate to Catalog

- Once on the dashboard, click on "Catalog."

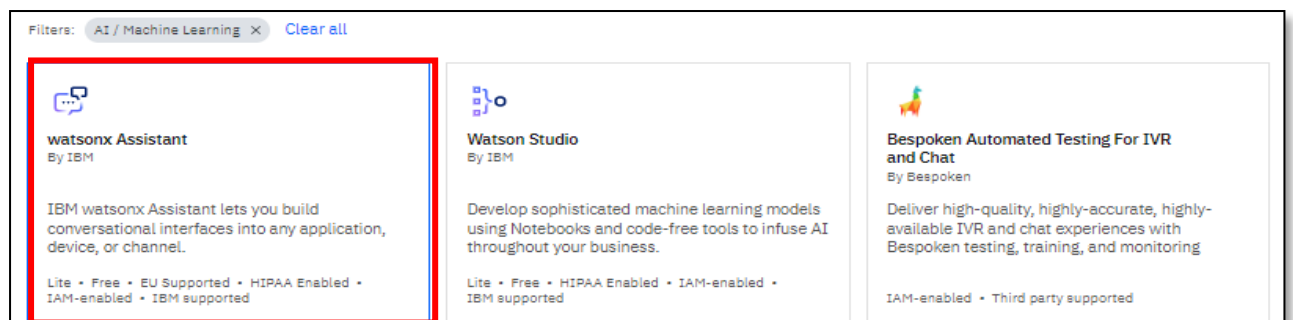


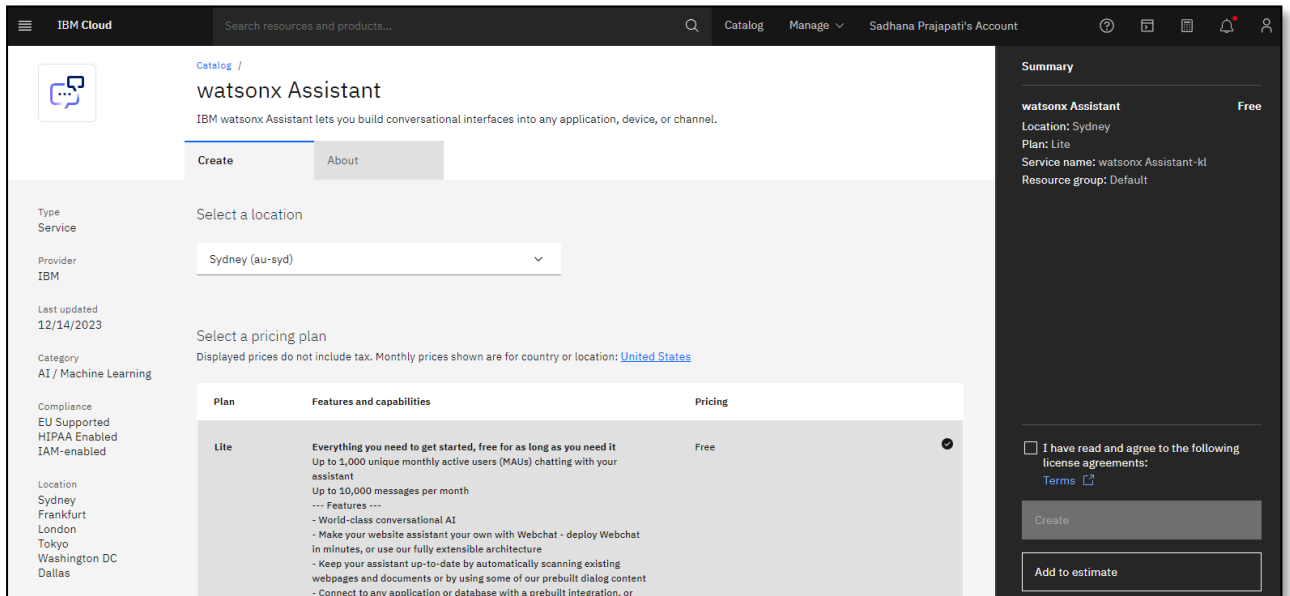
## STEP 3: Choose Watson Assistant

- Click on "AI/Machine Learning".



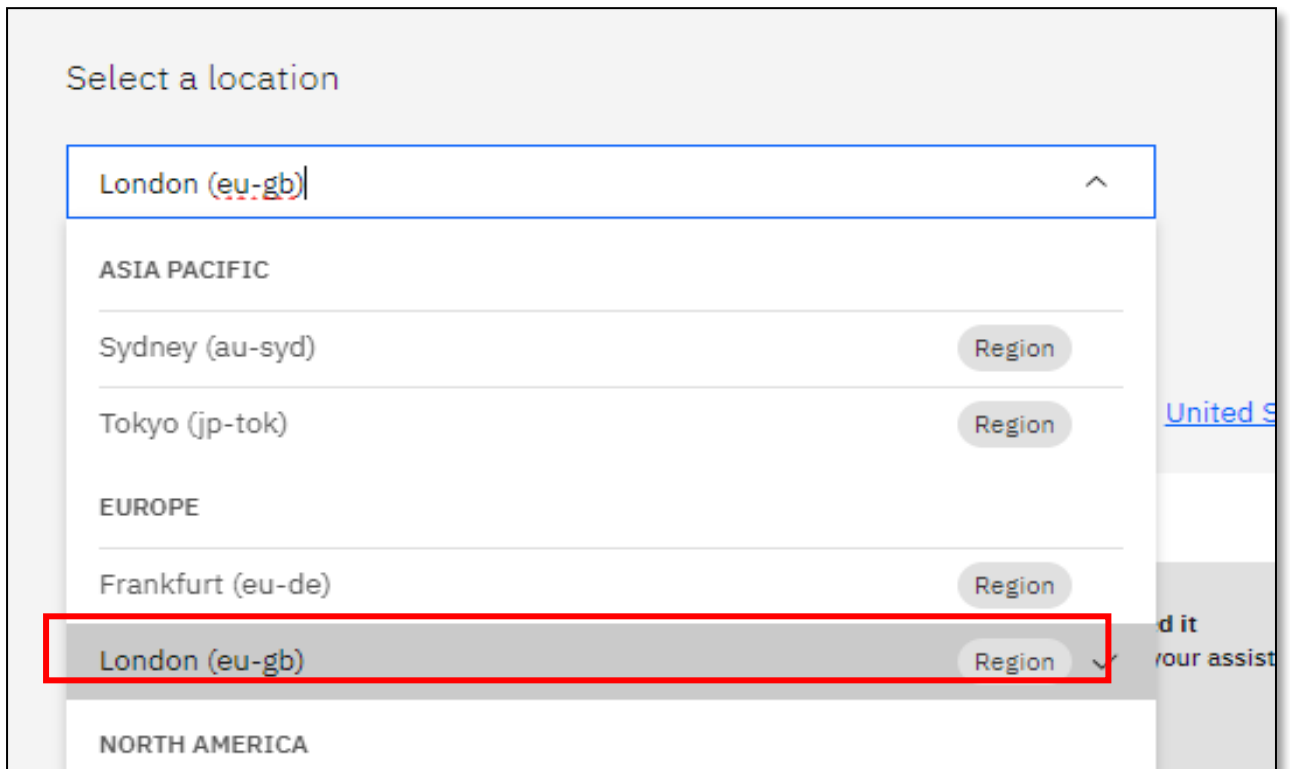
- Select "Watson Assistant."





## STEP 4: Configure Watson Assistant

- **Choose Location:** London (eu-gb).



- **Select Pricing Plan:** Lite.

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features and capabilities	Pricing
Lite	<p>Everything you need to get started, free for as long as you need it</p> <p>Up to 1,000 unique monthly active users (MAUs) chatting with your assistant</p> <p>Up to 10,000 messages per month</p> <p>--- Features ---</p> <ul style="list-style-type: none"> <li>- World-class conversational AI</li> <li>- Make your website assistant your own with Webchat - deploy Webchat in minutes, or use our fully extensible architecture</li> <li>- Keep your assistant up-to-date by automatically scanning existing webpages and documents or by using some of our prebuilt dialog content</li> </ul>	Free

- **Configure Your Resource:**

- ☐ **Service Name:** PortFolio\_ChatBot
- ☐ **Tags:** env:dev, version:1, first:resource
- ☐ **Access Management Tags:** access:developer, access:client

Configure your resource

Service name

Select a resource group ⓘ

Tags ⓘ

env:dev X
version:1 X
first:resource X

Access management tags ⓘ

IAM | access:developer X
IAM | access:client X

- Go to "Summary," check the box, and click "Create."

**Summary**

**watsonx Assistant** Free

Location: London

Plan: Lite

Service name: PortFolio\_ChatBot

Resource group: Default

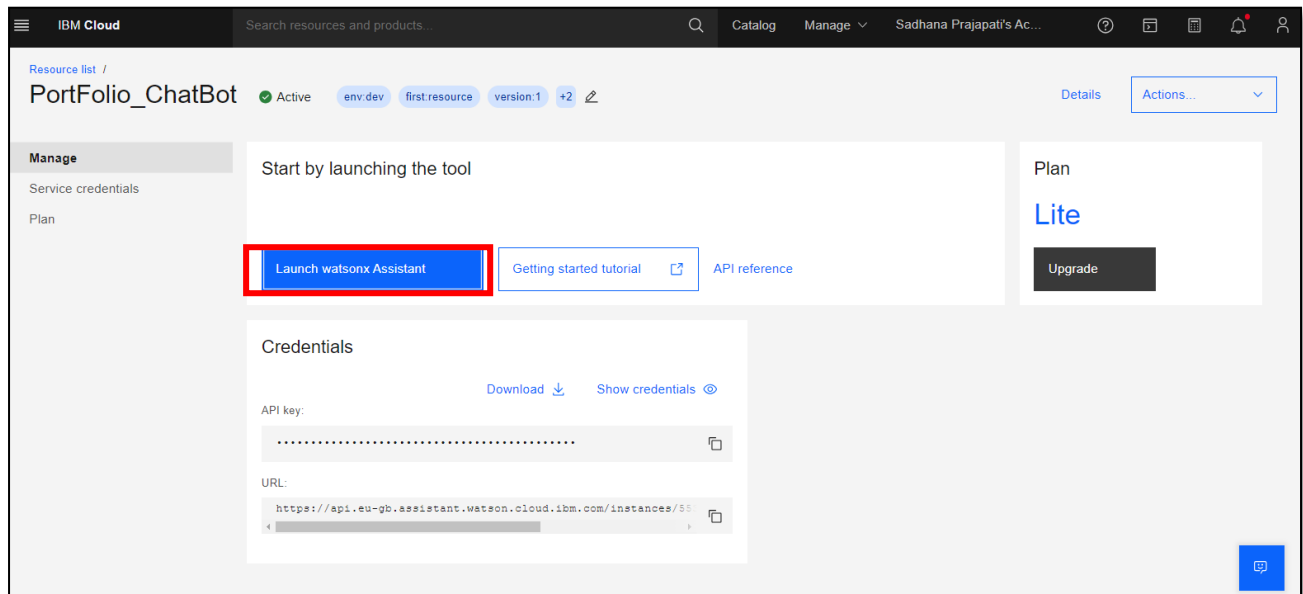
☒ I have read and agree to the following license agreements:

[Terms](#)

**Create**

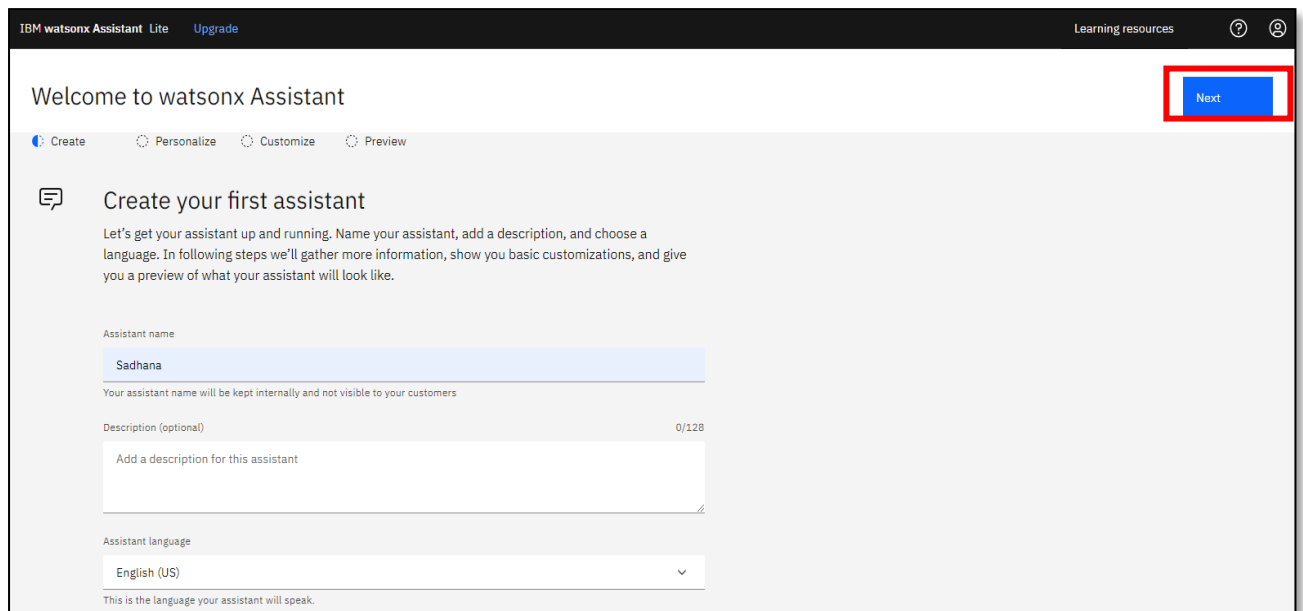
## STEP 5: Launch Watson Assistant

- Your resource is now ready. Click "Launch Watson Assistant."



## STEP 6: Setup Chatbot

- Provide a name for your chatbot and set the default language and then click on next button.



- Personalize details based on the provided image and click “Next”.

IBM watsonx Assistant Lite Upgrade Sadhana Learning resources

Welcome to watsonx Assistant

Back Next

Create Personalize Customize Preview

### Personalize your assistant

**Tell us where your assistant will live**  
You may add multiple channels from your dashboard.

Where do you plan on deploying your assistant?  
Web

**Tell us about yourself**  
This information will be used to personalize your onboarding experience.

Which industry do you work in?  
N/A (I am a student)

What is your role on the team building the assistant?  
Developer

Which statement describes your needs best?  
I want to automate common tasks in a natural way

This is what your customers will experience

watsonx Assistant

Do you have the Speed Demons in stock?

The Speed Demons are in stock at our Downtown and Northgate locations, which are both within 5 miles of you.

What size and color do you need?

I'm looking for a size 9 in white

Great news! The Speed Demons are available in white in a size 9.

You can purchase them for curbside pickup or we can ship them to you. Which would you prefer?

I'll pick them up! Ship them to me!

## STEP 7: Customize Chatbot

- Customize your chatbot settings and click "Next."

Welcome to watsonx Assistant

Back Next

Create Personalize Customize Preview

### Customize your chat UI

Update the style to match your brand and your website. A developer can also add more advanced styling changes with code. [Learn more](#)

Assistant's name as known by customers  
MyBot

Primary color  
#173b6c

Secondary color  
#37b3ed

Chat header  
#37b3ed

User message bubble

Accent color  
#37b3ed

Significant and interactive objects

IBM Watermark Plus  
Enable IBM Watermark  
On

Add an avatar image

Restart conversation

Hi! I'm a virtual assistant. How can I help you today?

Mybot

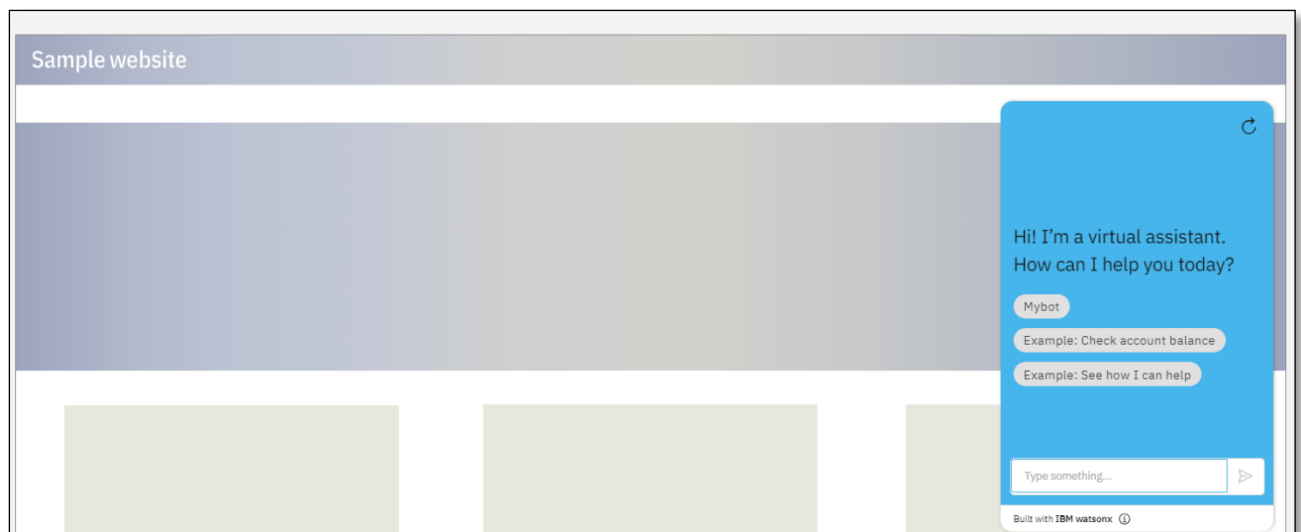
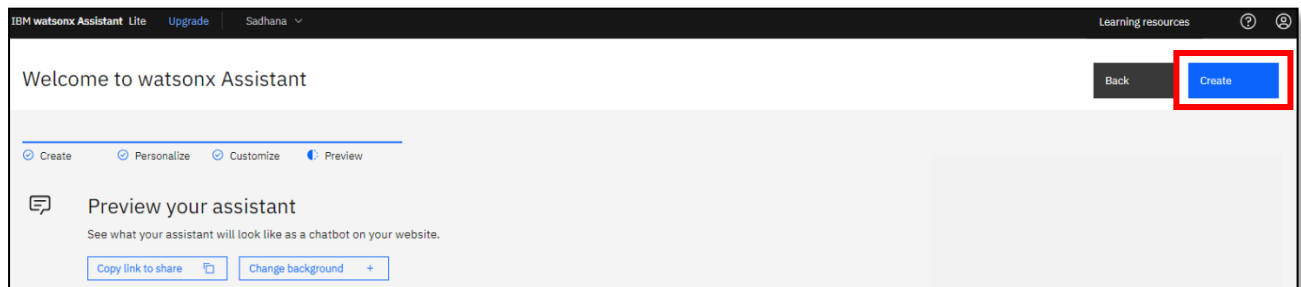
Example: Check account balance

Example: See how I can help

Type something...

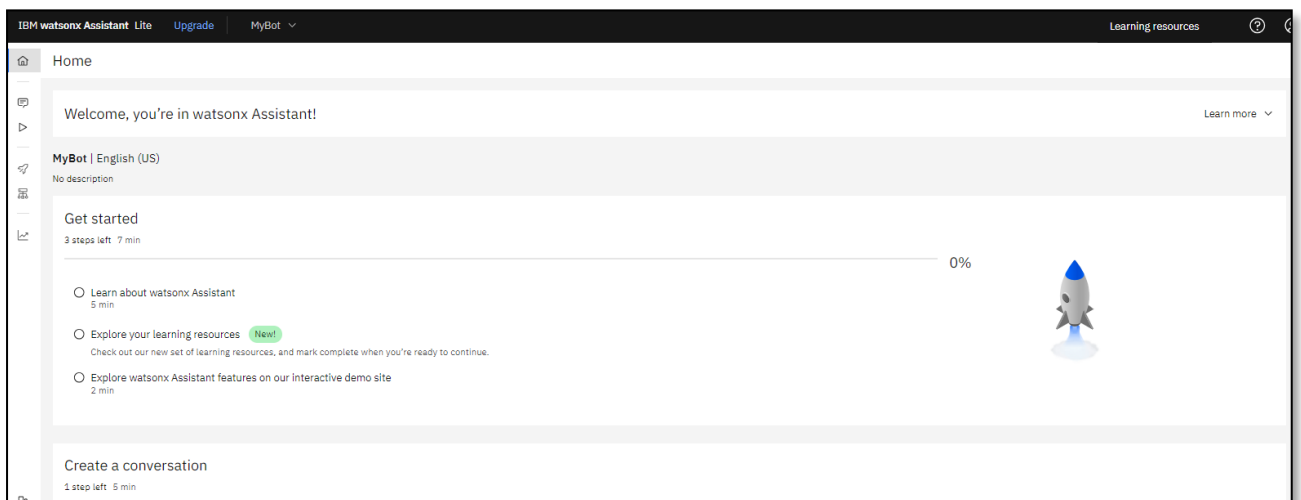
## STEP 8: Chatbot Preview

- Check the chatbot preview and click "Create"



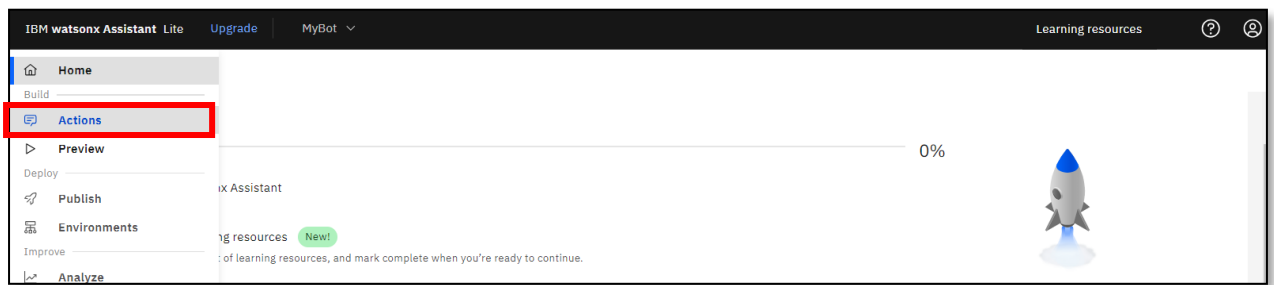
## STEP 9: Command Setup

- Give commands to your chatbot:

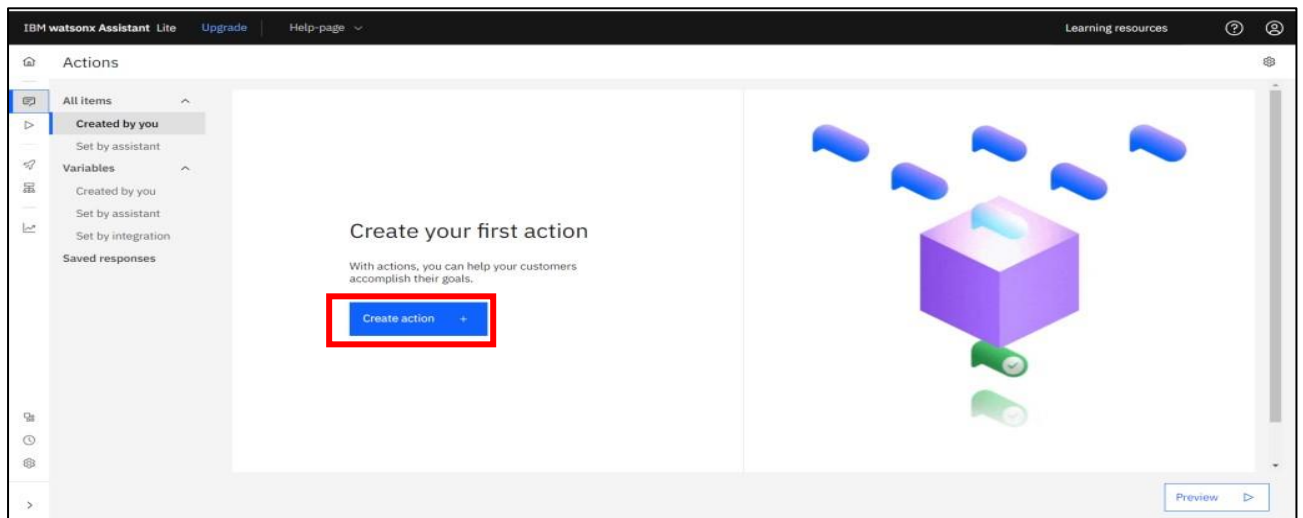




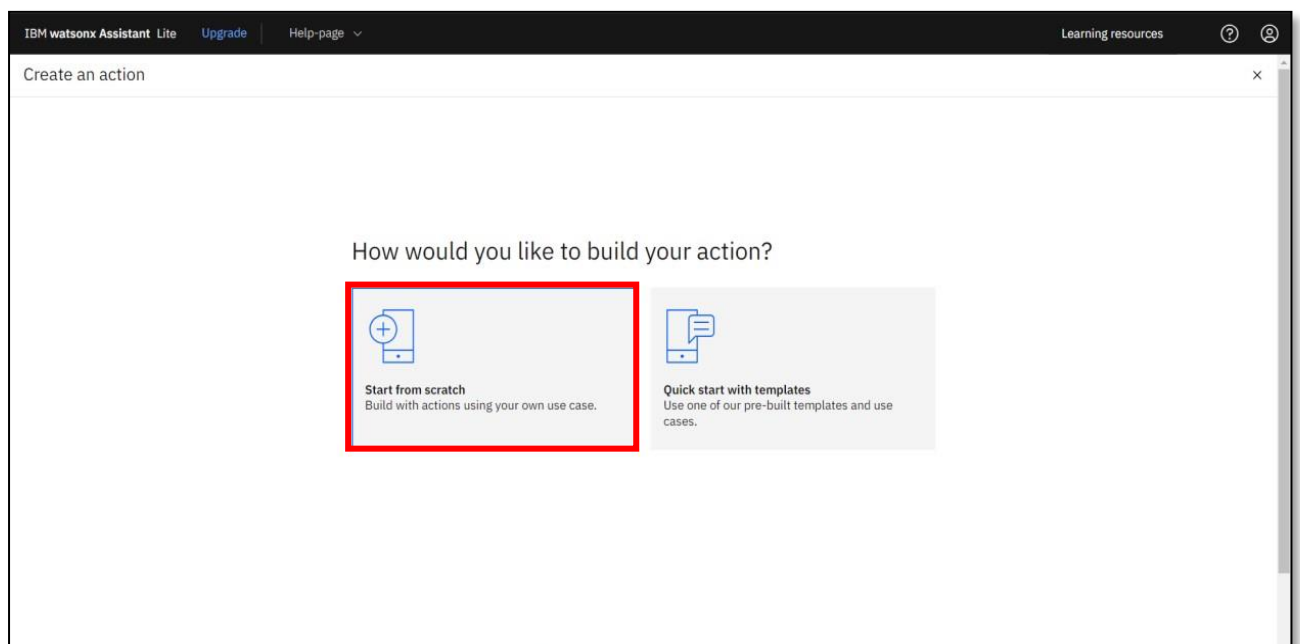
- Click on "Action Button."



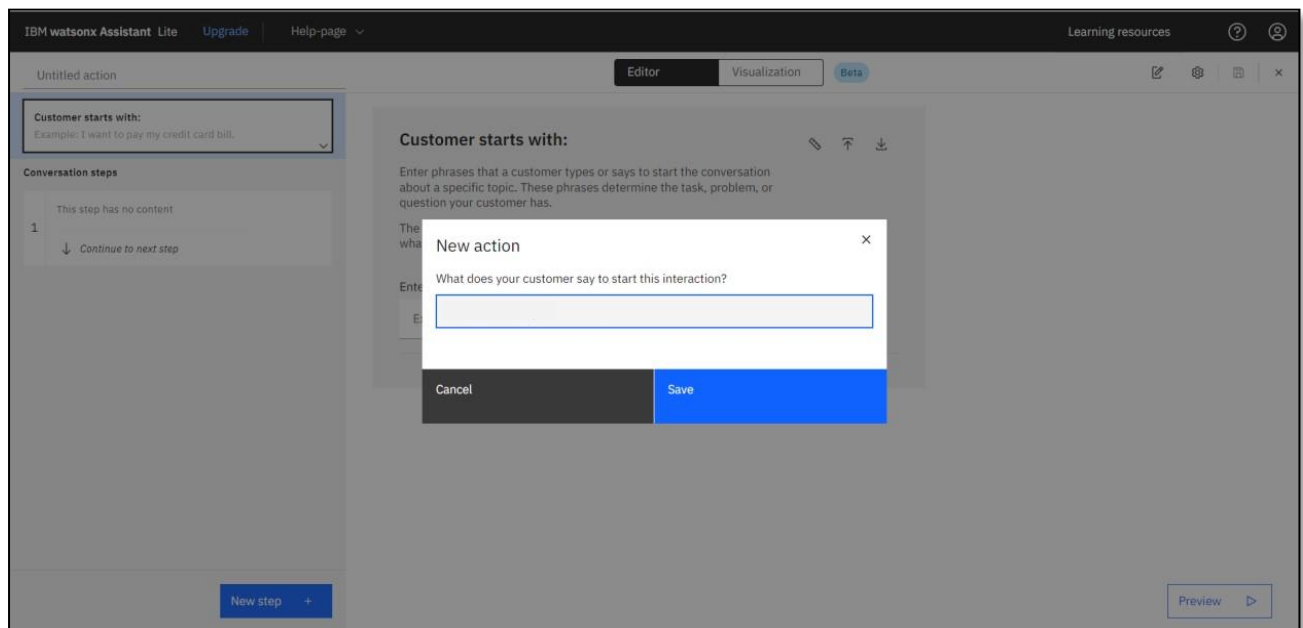
- Click on "Create Action Button."



- Now click on Start from scratch.



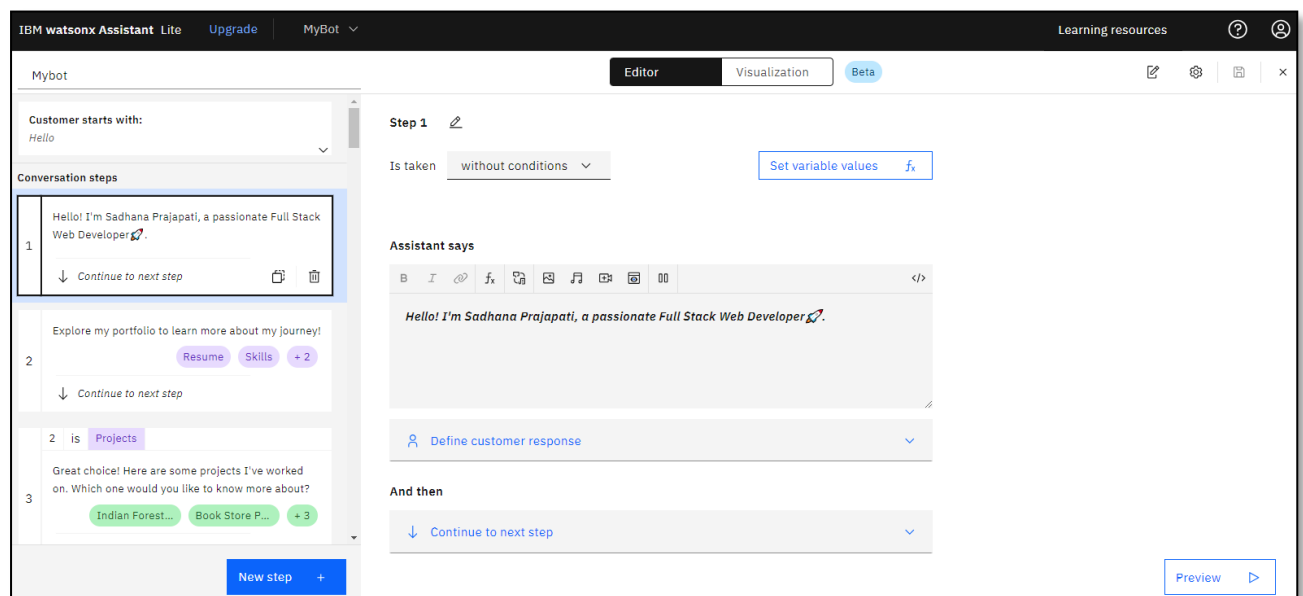
- Include keywords for user interaction.



All items		Created by you /					New action +	
Created by you		Filter by name						
Set by assistant								
Variables								
Created by you								
		Name	Last edited	Examples count	Steps count	Status		
		<input type="checkbox"/> Mybot	an hour ago	3	33	<span style="color: green;">✔</span>	⋮	

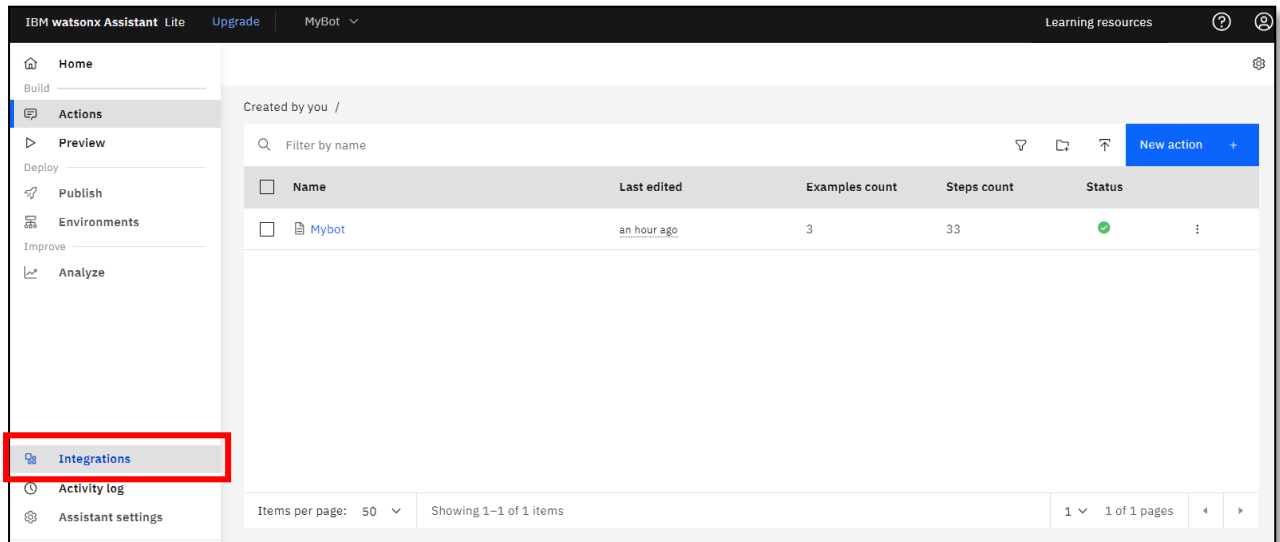
## Step 10: Add Questions and Answers:

- Input relevant questions and answers for your chatbot.



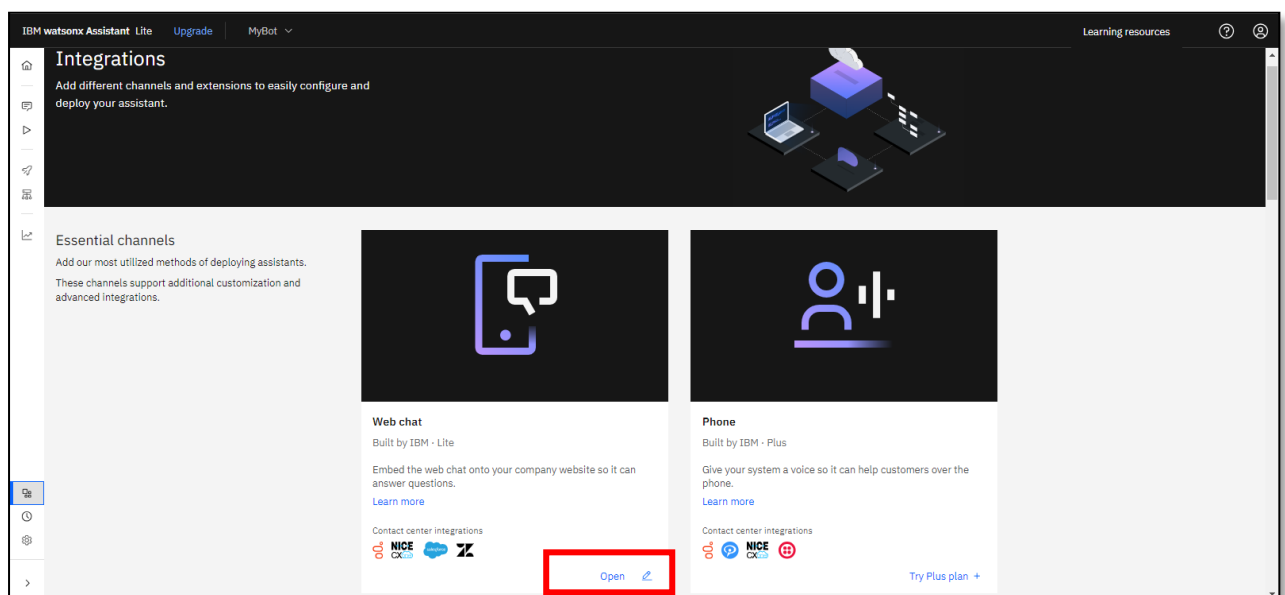
## Step 11: Click on "Integration Button":

- After setting up your chatbot in Watson Assistant, look for an "Integration" button.

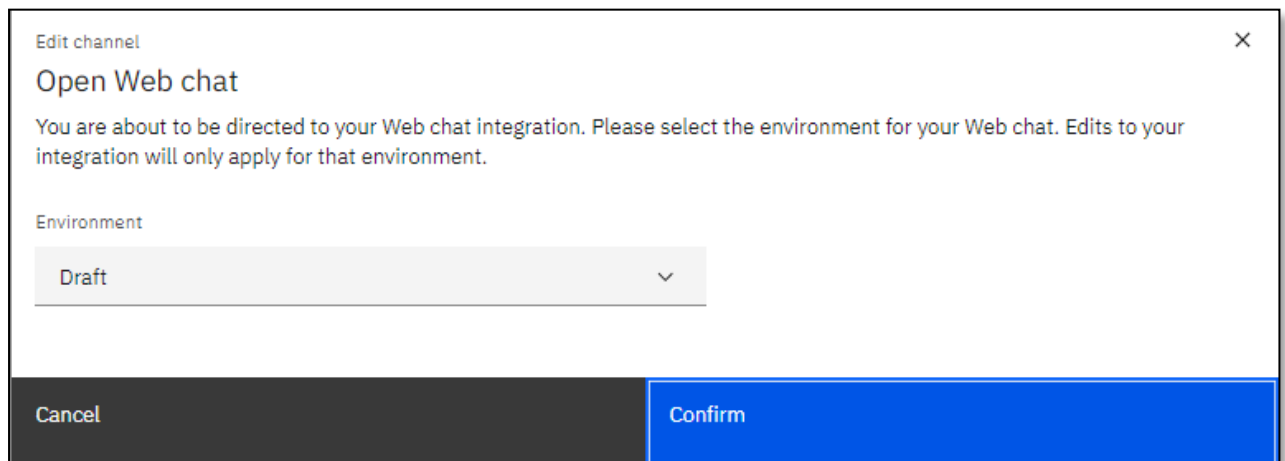


## Step 12: Go to Web Chat and Open:

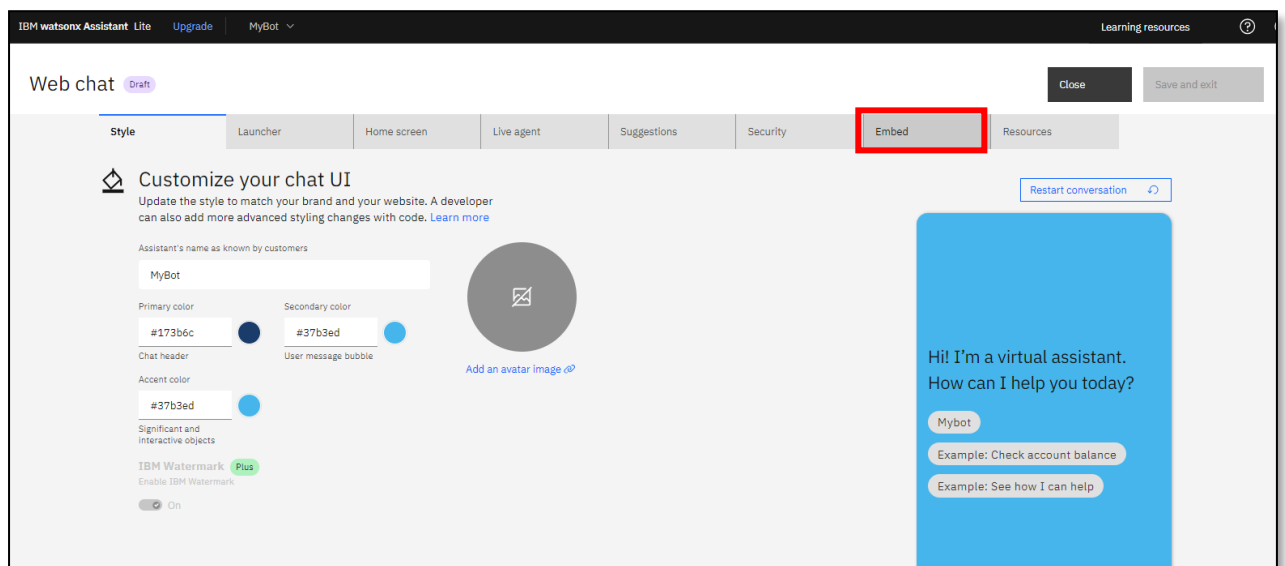
- Within the integration options, find and click on "Web Chat" and then click on "Open."



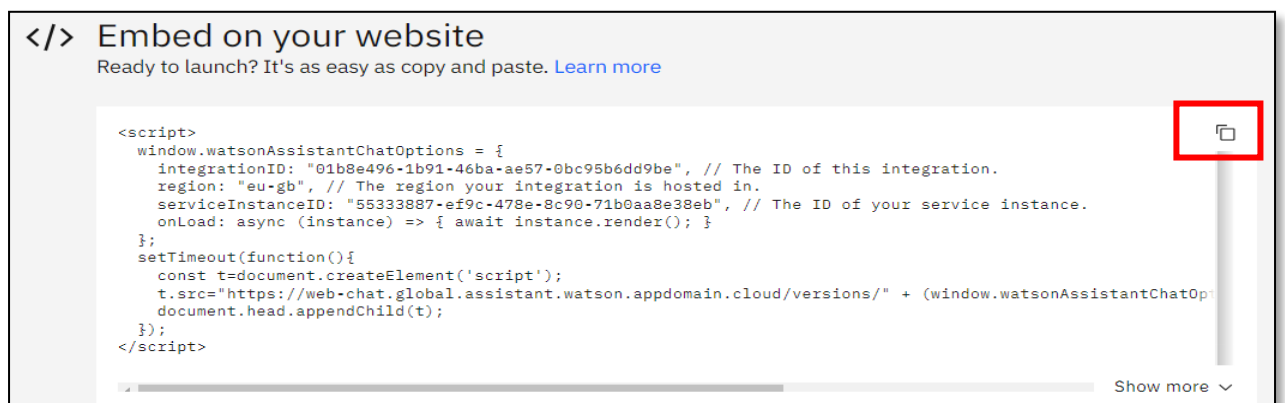
- Click on "Confirm".



- Click on "Embed".



- Copy the URL.

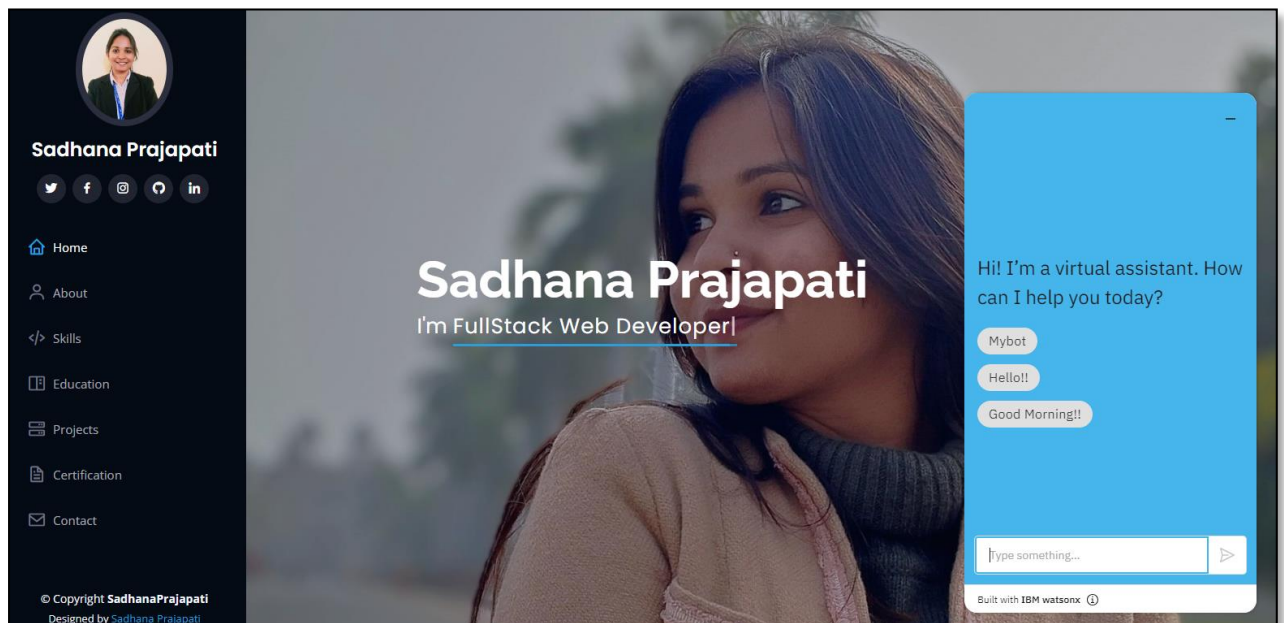


- Go to your webpage's source code and paste the copied URL to embed the chatbot.

```
<!--Embed Chatbot Code-->
<script>
window.watsonAssistantChatOptions = {
  integrationID: "01b8e496-1b91-46ba-ae57-0bc95b6dd9be", // The ID of this integration.
  region: "eu-gb", // The region your integration is hosted in.
  serviceInstanceID: "55333887-ef9c-478e-8c90-71b0aa8e38eb", // The ID of your service instance.
  onLoad: async (instance) => { await instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>
</body>
</html>
```

### Output:

Your webpage should now have the embedded Watson Assistant web chat, allowing users to interact with the chatbot.

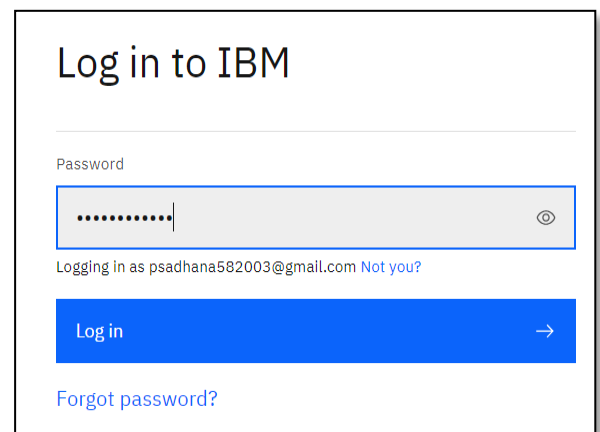
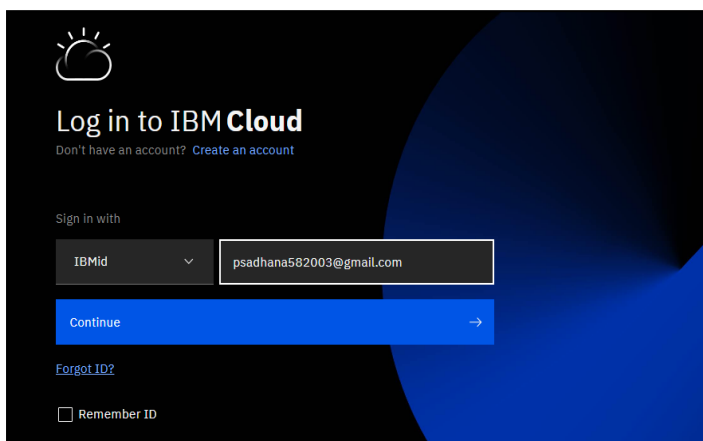


## 7. HOSTING PORTFOLIO ON IBM CLOUD

### Procedure:

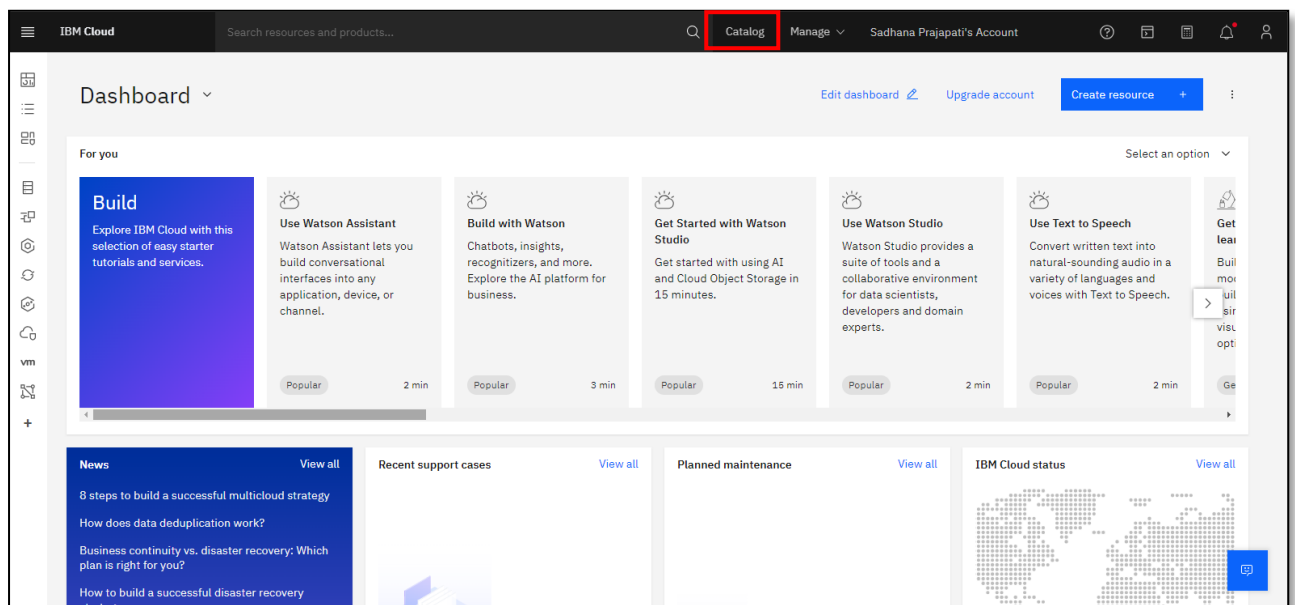
#### STEP 1: Login to IBM Cloud

- Log in to IBM Cloud using your email ID and Enter your password to access the dashboard.



#### STEP 2: Navigate to Catalog

- Once on the dashboard, click on "Catalog."




### STEP 3: Choose Storage Service

- Click on "Storage".

Category

- Compute (36)
- Containers (11)
- Networking (28)
- Storage (24)**
- Converged infrastructure (3)
- Enterprise applications (4)
- AI / Machine Learning (25)


Viewing 223 products



Deployable architecture

**Power Virtual Server with VPC landing zone**  
By IBM

Build a IBM Cloud® Power Virtual Servers (PowerVS) offering according to the best practices and requirements from the IB...



Deployable architecture

**Cloud Object Storage on VPC for SAP HANA Backup**  
By IBM


Deploy the capability to backup an SAP HANA database to IBM Cloud Object Storage in a single step.

- Select "Object Storage."

**Object Storage**  
By IBM

Provides flexible, cost-effective, and scalable cloud storage for unstructured data.

Satellite Enabled • Lite • Free • EU Supported • Financial Services Validated • HIPAA Enabled • IAM-enabled • IBM supported



**MinIO**  
By MinIO

MinIO offers high-performance, S3 compatible object storage. Native to Kubernetes, compatible with every public cloud.

IAM-enabled • Third party supported


### STEP 4: Configure Object Storage

- Select "IBM Cloud."

Choose an Infrastructure


**IBM Cloud**

Create, manage, and access your storage in globally available data center locations. Public cloud environments are designed for high durability, resiliency and security. IBM-managed infrastructure automatically scales to businesses needs.



**Satellite**

Utilize infrastructure from on-premise data centers, at other cloud providers, or in edge networks as a Satellite location to IBM Cloud. Deploy, manage and control app workloads with IBM Cloud Object Storage on client-managed infrastructure.



- Choose a pricing plan "Lite".

Select a pricing plan  
Displayed prices do not include tax. Monthly prices shown are for country or region:United States

Plan	Features	Pricing
Lite	<p>Lite plan instance is free to use for Storage capacity up to 25 GB per month. Lite plan instance is used for trial, and can be easily upgraded to Standard plan for unlimited scalability and full functionality.</p> <hr/> <p>Only one Lite plan instance is allowed per account. The Lite plan instance includes up to 25 GB of storage capacity; 2,000 Class A (PUT, COPY, POST, and LIST) requests; 20,000 Class B (GET and all others) requests; 10 GB of data retrieval; 5GB of egress (public outbound bandwidth) each month. These thresholds apply to the aggregate total across all storage class buckets. Lite plan services are deleted after 30 days of inactivity.</p>	Free

- Provide a service name and click "Create."

Configure your resource

Service name  
PortFolio\_Hosting

Select a resource group ⓘ  
Default

Tags ⓘ  
Examples: env:dev, version-1

Create  
Add to estimate  
View terms

## STEP 5: Create a Bucket

- In the new Object Storage window, scroll down and find "Create a Bucket."

IBM Cloud
Search resources and products...
Catalog
Manage
Sadhana Prajapati's Account

Cloud Object Storage
Instances
Integrations
Endpoints
Documentation
Billing

### Cloud Object Storage

An enterprise cloud object storage solution

Welcome to your new IBM® Cloud Object Storage service! It provides unstructured data storage for cloud applications. To get started - create a bucket, upload objects and set up access policies to allow other users to work with your data.

Learn More
Take a guided tutorial

Overview
Create bucket
Access Management

Page|24



- Click "Explore" .

Create a bucket

Learn about resiliency, location and storage class while creating a new bucket

Explore →




**Resiliency**

Select the best resiliency



**Location**

Select a location where you



**Class**

Select storage class based on

- Then “Create Bucket”.

# Create a bucket

One of the crucial steps in designing your IBM® Cloud Object Storage is organizing your data into buckets to meet your needs. Few things to consider while creating a bucket - availability, data sovereignty, how often do you need to access the data

Create Bucket

## STEP 6: Configure Bucket

- Click "Create" under "Create a Custom Bucket."

IBM Cloud

Search resources and products...

Catalog Manage Sadhana Prajapati's Account

Cloud Object Storage

Instances Integrations Endpoints Documentation Billing

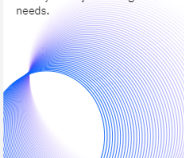
Instances / Portfolio\_Hosting /

### Create bucket

Get started by creating a bucket to store unstructured data. A bucket is a storage resource available in IBM Cloud Object Storage service. The bucket can be used to organize objects (storage data) along with their metadata. Create a custom bucket of your own, or choose from our pre-defined configurations.

Create a Custom Bucket

Create a bucket by selecting bucket configurations that meet your object storage needs.



Create →

Quickly get started

Template

Create a Smart Tier storage class bucket in a region close to you and a service credential to connect your application.

Requirements:

1. Provide the bucket name
2. Upload files (optional)

Create →

Archive your data

Template

Create a Smart Tier storage class bucket in a region close to you with an archive rule and a service credential to connect your application.

Requirements:

1. Select archive type
2. Configure archive

Create →

Host a static website

Template

Create a Smart Tier storage class bucket in a region close to you with static web hosting configuration and a service credential to connect your application.

Requirements:

1. Set index and error HTML pages
2. Configure public access

Create →

- Provide a unique name for your bucket and select the regional setting.

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PortFolio\_Hosting / Create custom bucket

Unique bucket name [View naming rules](#)

heyportfoliobucket

Resiliency

A bucket's resiliency is defined by the endpoint used to create it. [View options](#)

Cross Region Highest availability

Regional Best performance

Single Site Data sovereignty

⚠ Resiliency cannot be modified after provisioning

- Choose a location and enable "Smart Tier."

Location [View options](#)

Select a location where you would like your data to be physically stored.

Europe - London (eu-gb)

⚠ Location cannot be modified after provisioning

Storage class [View pricing](#)

Choose storage class based on how often you expect to read the stored data. Pricing varies for each option.

Smart Tier New!

Smart Tier automatically gives you the lowest storage rate based on your monthly activity.

Standard

For active workloads that require higher performance and low latency and where data needs to be accessed frequently.

- Disable "Object Versioning" and click "Create Bucket."

Learn more'. Below this, the 'Object versioning' section shows two radio buttons: 'Disabled' (selected) and 'Enabled'. A note states: 'Object versioning can only be suspended after enabling'. At the bottom, there are 'Cancel' and 'Create bucket' buttons."/>

Object versioning

Object versioning

Protect your objects from accidental deletion or overwrites. Versioning allows you to keep multiple versions of an object protecting you from unintentional data loss. [Learn more](#)

Object versioning

☒ Disabled ☐ Enabled

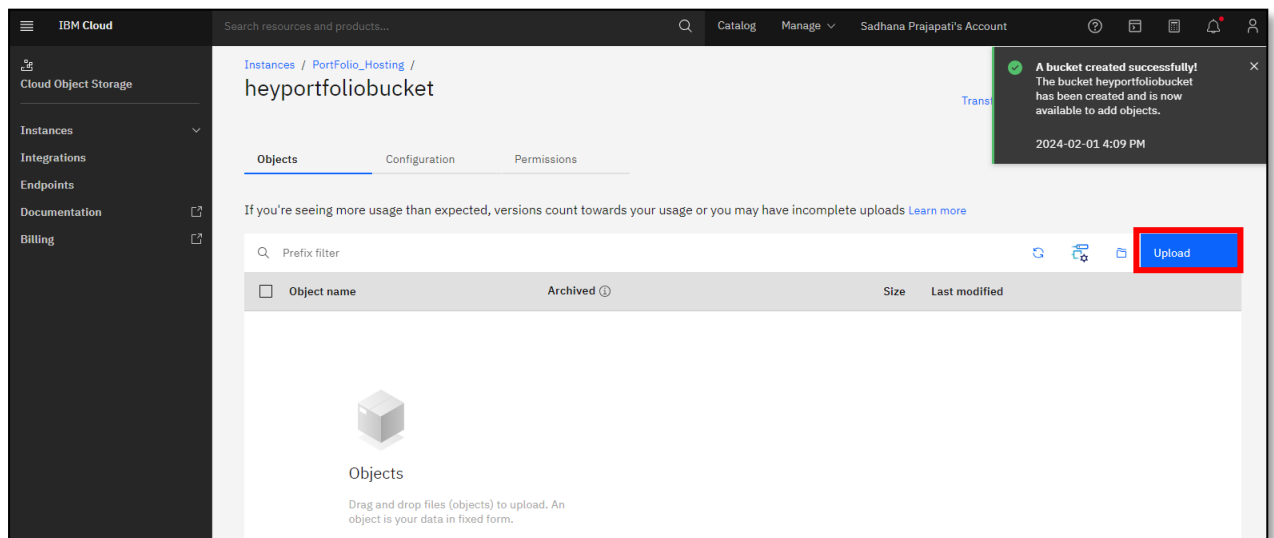
Object versioning can only be suspended after enabling

Cancel Create bucket

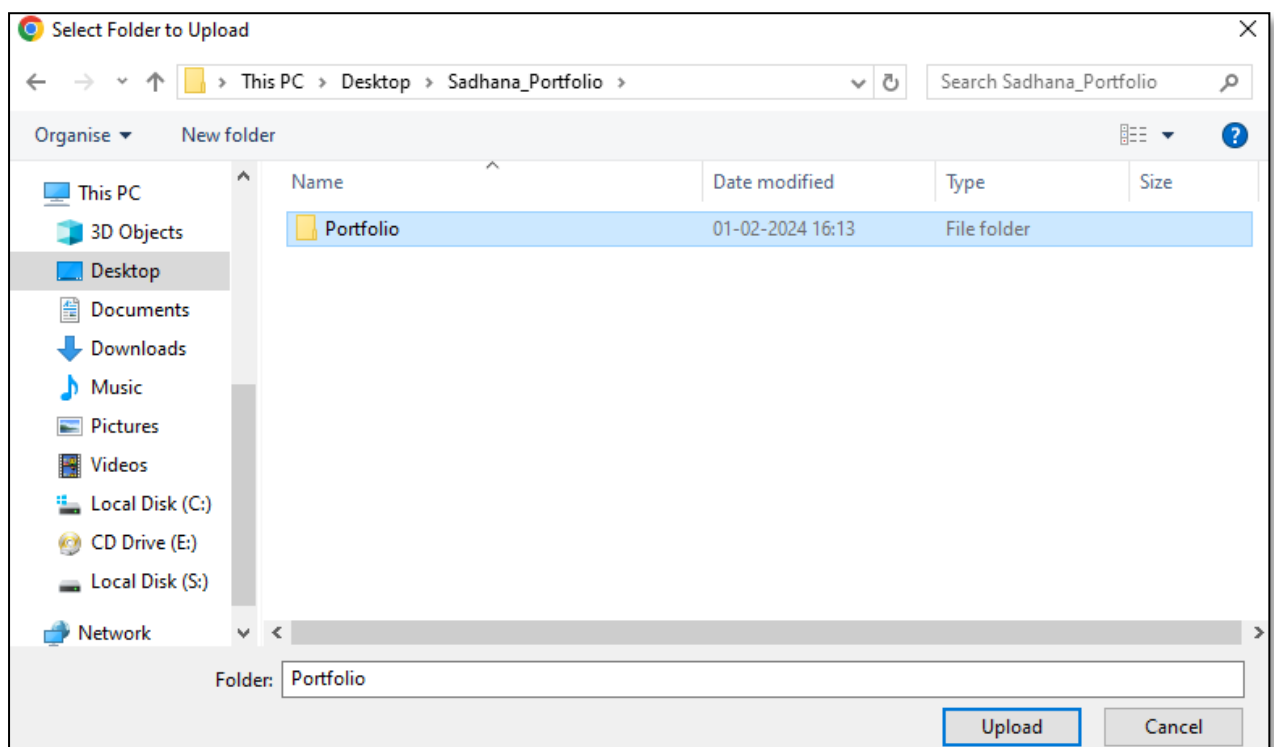
## STEP 7: Upload Files/ Folders

- Your Object Storage is now created. Upload a file or folder

- Click "Upload."



- Choose the folder or file you want to upload.



- Click on "Upload".

232 objects | 61.9 MB

Portfolio/index...25.0 KB×

Portfolio/..eport.docx8.2 MB×

Portfol...ills.html11.7 KB×

Cancel

Upload

IBM Cloud

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TransfersDetailsActions...

ObjectsConfigurationPermissions

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

Object name

Archived ⓘ

Size

Last modified

☐

Portfolio/Project Report.docx

8.2 MB

2024-02-01 4:19 PM

⋮

☐

Portfolio/assets/css/style.css

15.1 KB

2024-02-01 4:24 PM

⋮

☐

Portfolio/assets/img/Certificates/aicte (3).pdf

264.5 KB

2024-02-01 4:23 PM

⋮

☐

Portfolio/assets/img/Certificates/aicte (5).pdf

56.4 KB

2024-02-01 4:23 PM

⋮

☐

Portfolio/assets/img/Certificates/aicte (6).pdf

235.5 KB

2024-02-01 4:23 PM

⋮

☐

Portfolio/assets/img/Certificates/aicte (7).pdf

235.8 KB

2024-02-01 4:23 PM

⋮

Upload

## Step 8: Grant Public Access to Your Object

- Navigate back to the portfolio by clicking on the "PortFolio\_Hosting" link.

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TransfersDetailsActions...

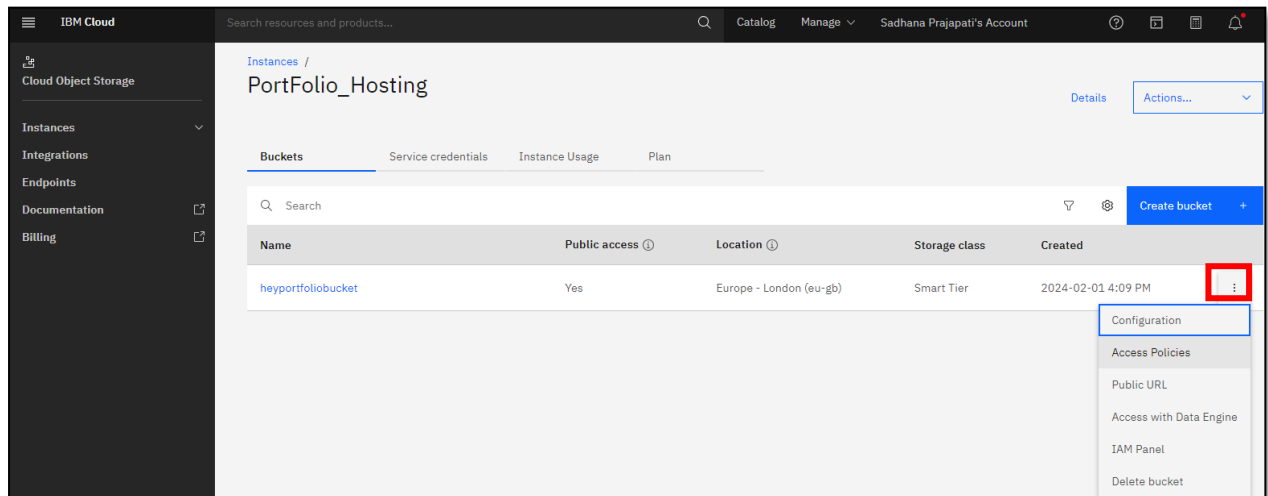
ObjectsConfigurationPermissions

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

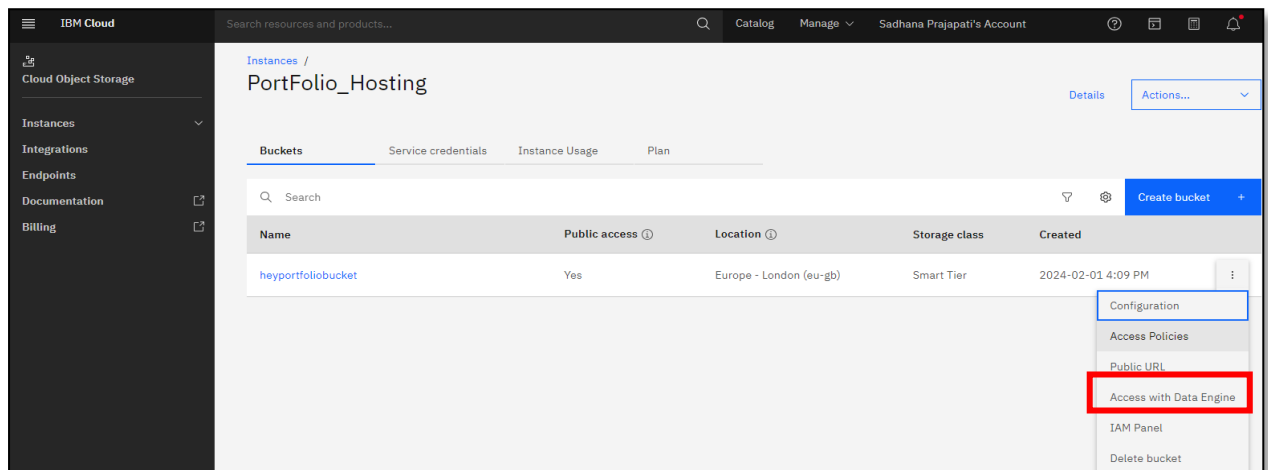
Prefix filter

Upload

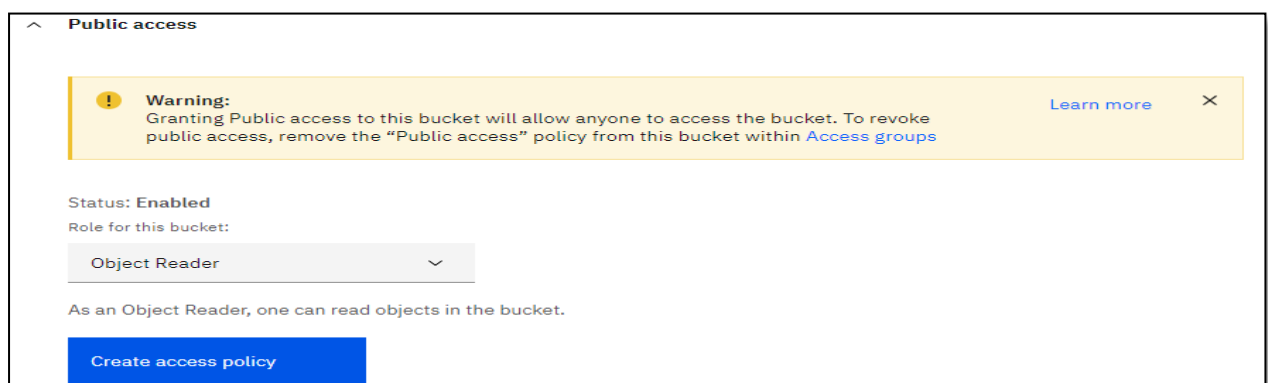
- Locate and click on the three dots (...) for more options.



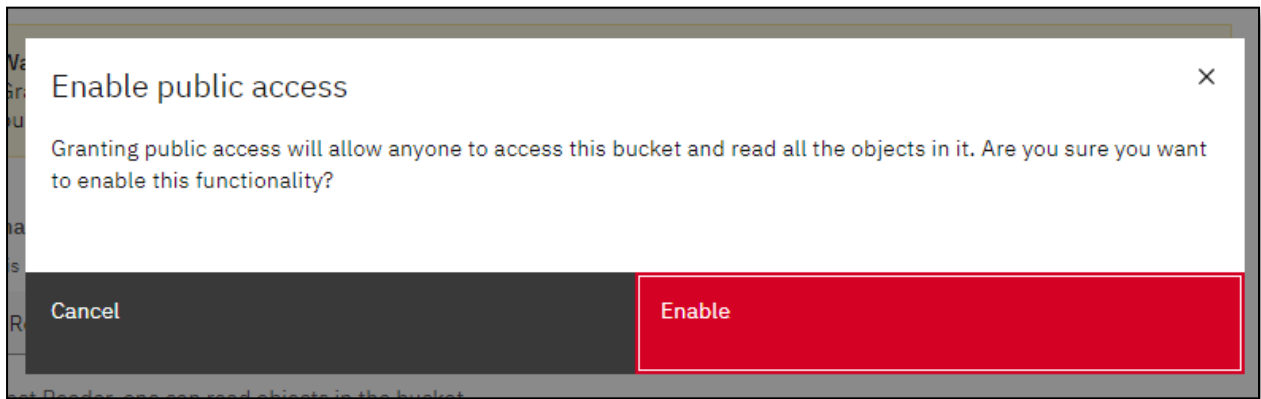
- Select "Access Policies" from the dropdown menu.



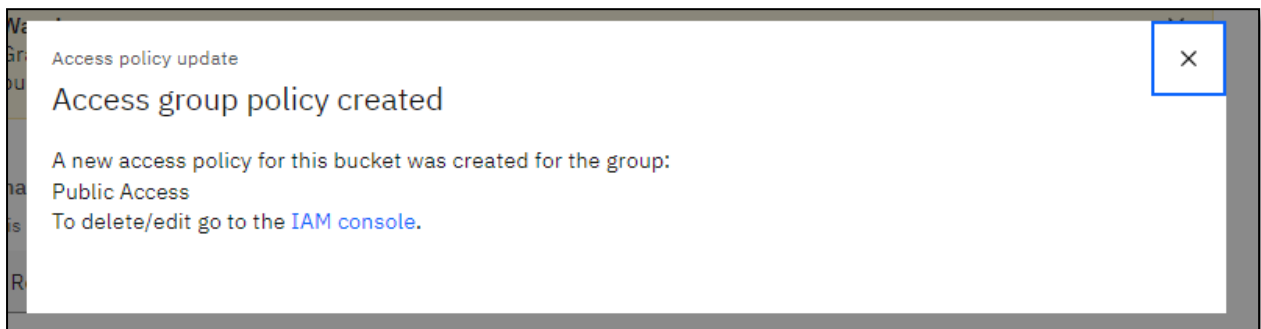
- Scroll down and click on "Public Access."
- Choose "Object Reader" as the access level.
- Click on "Create Access Policy."



- Enable Public Access to make your HTML file accessible.

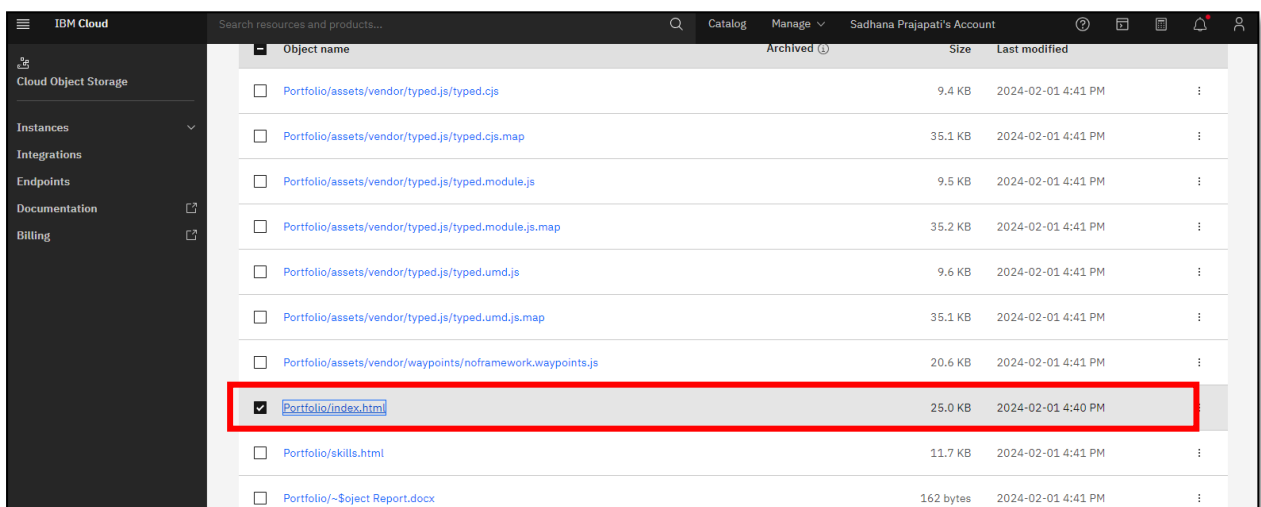


- Confirm that the access policy has been successfully created.



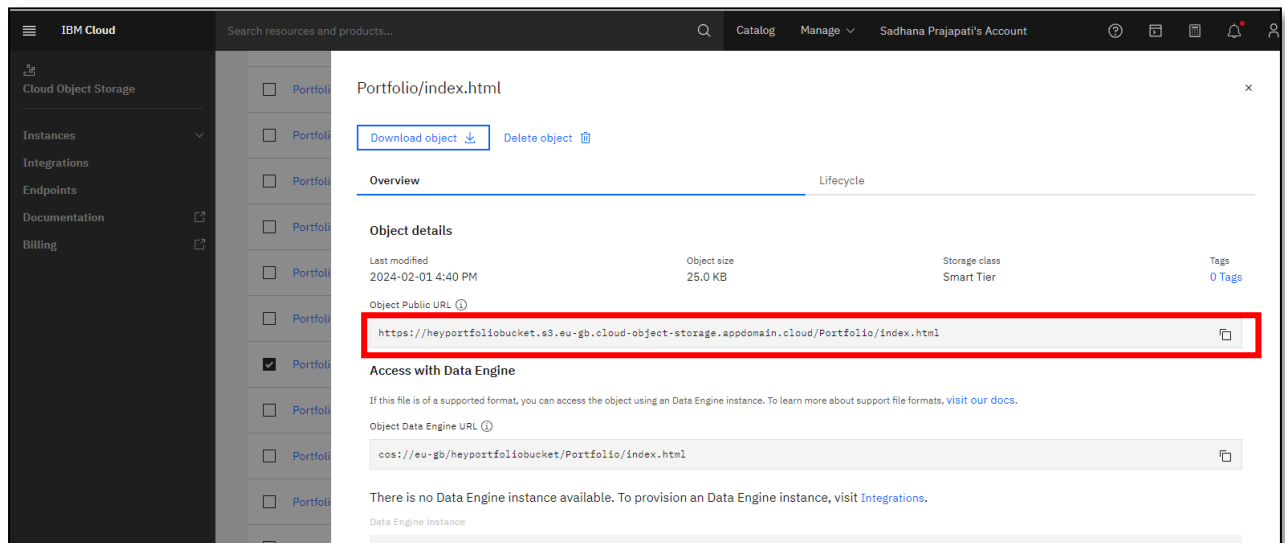
## Step 9: Obtain the Link to Your HTML File

- Return to the object view by clicking on "PortFolio\_Hosting".
- Find and click on the specific folder or file, such as "heyportfoliobucket" and then your HTML file.

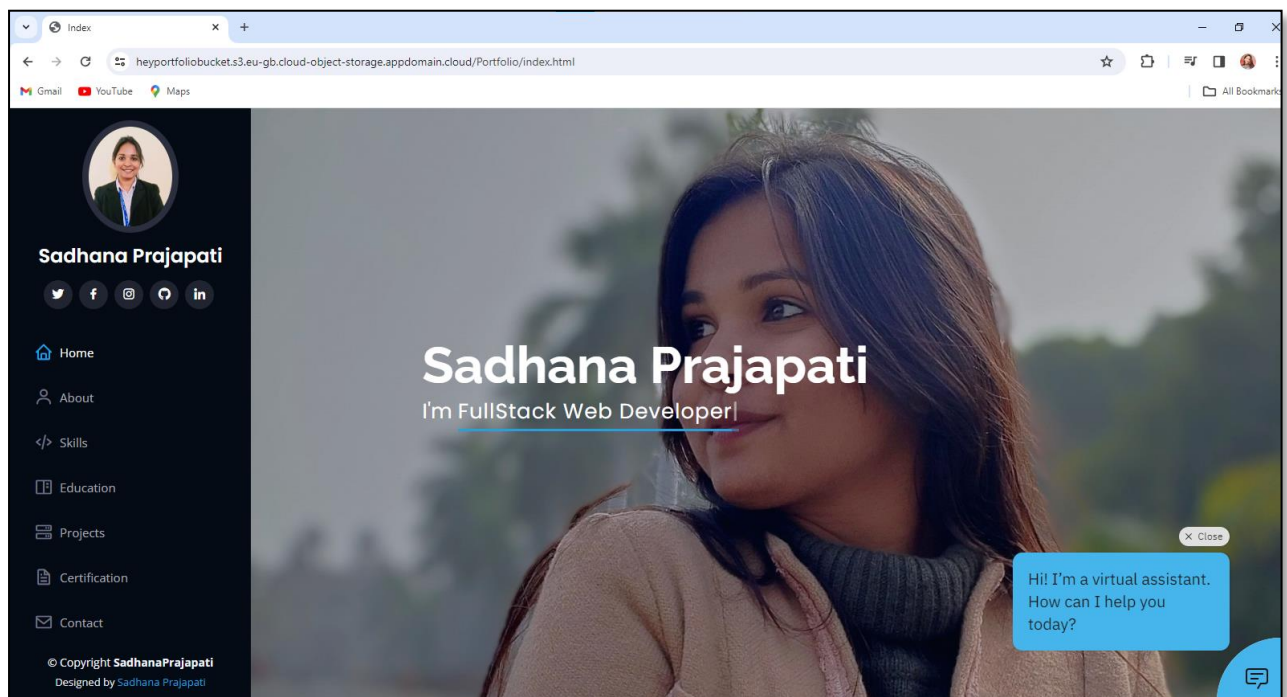


## Step 10: Copy and Access Your Application

- Once you've opened your HTML file, a link should be generated, Copy the provided link.



- Paste the link into your web browser's address bar, Hit Enter to access your application.



## 8. SOURCE CODE

### index.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta content="width=device-width, initial-scale=1.0" name="viewport">
  <title>Index</title>
  <meta content="" name="description">
  <meta content="" name="keywords">
  <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
  <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,
600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300
,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
  <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
  <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
  <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">
  <link href="assets/css/style.css" rel="stylesheet">
</head>

<body>
  <i class="bi bi-list mobile-nav-toggle d-xl-none"></i>
  <!-- ===== Header ===== -->
  <header id="header">
    <div class="d-flex flex-column">

      <div class="profile">
        
        <h1 class="text-light"><a href="index.html">Sadhana Prajapati</a></h1>
        <div class="social-links mt-3 text-center">
          <a
href="https://twitter.com/Sadhana15107119?t=96tf11c0l6mpajU085LN2g&s=08"
class="twitter" target="_blank"><i class="bx bxl-twitter"></i></a>
          <a
href="https://www.facebook.com/profile.php?id=100089482994256&mibextid=ZbWKwL"
class="facebook" target="_blank"><i class="bx bxl-facebook"></i></a>
```



```

        <a href="https://instagram.com/itz_me_sadhana05?igshid=ZDdkNTZiNTM="
class="instagram" target="_blank"><i class="bx bxl-instagram"></i></a>
        <a href="https://github.com/sadhana-12345" class="github"
target="_blank"><i class="bx bxl-github"></i></a>
        <a href="https://www.linkedin.com/in/sadhana-prajapati-81a18524b"
class="linkedin" target="_blank"><i class="bx bxl-linkedin"></i></a>
    </div>
</div>

<nav id="navbar" class="nav-menu navbar">
    <ul>
        <li><a href="#hero" class="nav-link scrollto active"><i class="bx
bx-home"></i> <span>Home</span></a></li>
        <li><a href="#about" class="nav-link scrollto"><i class="bx bx-
user"></i> <span>About</span></a></li>
        <li><a href="#skills" class="nav-link scrollto"><i class="bx bx-
code-alt"></i> <span>Skills</span></a></li>
        <li><a href="#resume" class="nav-link scrollto"><i class="bx bx-
book-content"></i> <span>Education</span></a></li>
        <li><a href="#portfolio" class="nav-link scrollto"><i class="bx bx-
server"></i> <span> Projects</span></a></li>
        <li><a href="#certificate" class="nav-link scrollto"><i class="bx
bx-file"></i> <span>Certification</span></a></li>
        <li><a href="#contact" class="nav-link scrollto"><i class="bx bx-
envelope"></i> <span>Contact</span></a></li>
    </ul>
</nav><!-- .nav-menu -->
</div>
</header><!-- End Header -->

<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex flex-column justify-content-center align-
items-center">
    <div class="hero-container" data-aos="fade-in">
        <h1>Sadhana Prajapati</h1>
        <p>I'm <span class="typed" data-typed-items="FullStack Web
Developer"></span></p>
    </div>
</section><!-- End Hero -->

<main id="main">

    <!-- ===== About Section ===== -->
    <section id="about" class="about">
        <div class="container">

```

```

<div class="section-title">
  <h2>About</h2>
  <p>Hello! <b>I'm Sadhana Prajapati</b>, a passionate web developer
with a strong drive for success. I embody qualities such as enthusiasm, self-
motivation, reliability, and a dedicated work ethic
  . As a mature team player, I thrive in collaborative environments,
but I'm equally adept at taking initiative and working independently.
  Adapting to challenges comes naturally to me, and my ability to
handle responsibilities makes me a valuable asset to any project. I excel
under pressure, consistently meeting and exceeding strict deadlines. My
commitment to excellence and innovative problem-solving defines my approach to
every task.
  Join me on this journey of continuous growth and achievement in
the dynamic world of web development!</p>
</div>

<div class="row">
  <div class="col-lg-4" data-aos="fade-right">
    
  </div>
  <div class="col-lg-8 pt-4 pt-lg-0 content" data-aos="fade-left">
    <h3>Frontend & Backend & Web Developer.</h3>
    <p class="fst-italic">
      I'm a web developer who loves building websites from start to
      finish. From making them look great on the front end to ensuring they work
      smoothly behind the scenes, I enjoy creating user-friendly and functional web
      experiences.
    </p>
    <div class="row">
      <div class="col-lg-6">
        <ul>
          <li><i class="bi bi-chevron-right"></i>
<strong>Birthday:</strong> <span>05 August 2003</span></li>
          <li><i class="bi bi-chevron-right"></i>
<strong>Email:</strong> <span>psadhana582003@gmail.com</span></li>
          <li><i class="bi bi-chevron-right"></i>
<strong>City:</strong> <span>Hamirpur</span></li>
          <li><i class="bi bi-chevron-right"></i>
<strong>Profile:</strong> <span>FullStack Web Developer</span></li>
        </ul>
      </div>
      <div class="col-lg-6">
        <ul>
          <li><i class="bi bi-chevron-right"></i>
<strong>Age:</strong> <span>19</span></li>

```

```

        <li><i class="bi bi-chevron-right"></i>
<strong>Phone:</strong> <span>+91 7355668748</span></li>
        <li><i class="bi bi-chevron-right"></i>
<strong>State:</strong> <span>Uttar Pradesh</span></li>
        <li><i class="bi bi-chevron-right"></i>
<strong>Languages:</strong> <span>Hindi, English</span></li>
    </ul>
</div>
</div>
</div>
<p>
    As a dedicated web developer, I tackle challenges with passion
    and precision. I believe in continuous learning and innovation to deliver top-
    notch web solutions. My goal is to create seamless, user-friendly experiences
    that leave a lasting impression.
    Leveraging a blend of creativity and technical expertise, I am
    committed to building websites that stand out in the digital landscape.
</p>
    <a href="assets/img/MyResume.pdf" target="_blank" class="cta-
button">Download CV</a>
</div>
</div>
</div>

</div>
</section><!-- End About Section -->

<!-- ===== Skills Section ===== -->
<section id="skills" class="skills section-bg">
    <div class="container">

        <div class="section-title">
            <h2>Skills</h2>
            <p>Continuously enhancing my skill set to deliver exceptional web
            solutions. Below are some of the technologies and tools I'm proficient in:</p>
        </div>

        <div class="row skills-content">

            <div class="col-lg-6" data-aos="fade-up">

                <div class="progress">
                    <span class="skill">HTML <i class="val">100%</i></span>
                    <div class="progress-bar-wrap">
                        <div class="progress-bar" role="progressbar" aria-
valuenow="100" aria-valuemin="0" aria-valuemax="100"></div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>

```

```

    </div>

    <div class="progress">
      <span class="skill">JavaScript <i class="val">75%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">jQuery <i class="val">80%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="80" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">PHP <i class="val">75%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">Python <i class="val">72%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="72" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">Django <i class="val">69%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="69" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="col-lg-6" data-aos="fade-up" data-aos-delay="100">

```

```

    <div class="progress">
      <span class="skill">CSS <i class="val">90%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="90" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">BootStrap <i class="val">80%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="80" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">MySQL <i class="val">79%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="79" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">Laravel <i class="val">65%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="65" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">MongoDB <i class="val">85%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="85" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

    <div class="progress">
      <span class="skill">Flask <i class="val">40%</i></span>
      <div class="progress-bar-wrap">
        <div class="progress-bar" role="progressbar" aria-
valuenow="40" aria-valuemin="0" aria-valuemax="100"></div>
      </div>
    </div>

```

```

        </div>
    </div>

</div>

</div>

</div>
</section><!-- End Skills Section -->

<!-- ===== Education Section ===== -->
<section id="resume" class="resume">
    <div class="container">

        <div class="section-title">
            <h2>Education</h2>
            <p>Continuing my educational journey to acquire knowledge and
skills. Here are the details of my academic achievements:</p>
        </div>
        <div class="resume-item">
            <h4>Advance Diploma In IT Networking & Cloud Computing</h4>
            <h5>2022 - Present</h5>
            <p><em>National Skill Training Institue Women ,Noida</em></p>
            <p>Currently pursuing a diploma in IT with a focus on web
development and software engineering. Acquiring in-depth knowledge of
algorithms, data structures, and programming languages.</p>
        </div>
        <div class="resume-item">
            <h4>Higher-Secondary Certificate</h4>
            <h5>2020 - 2021</h5>
            <p><em>University Of Prayagraj</em></p>
            <p>Completed my Higher-Secondary education with a specialization
in Science. Developed a strong foundation in mathematics, physics, and
chemistry, laying the groundwork for my academic pursuits.</p>
        </div>
        <div class="resume-item">
            <h4>Secondary School Certificate</h4>
            <h5>2018 - 2019</h5>
            <p><em>University Of Prayagraj</em></p>
            <p>Attained my Secondary School Certificate with a focus on a
well-rounded curriculum. Developed critical thinking and problem-solving
skills during this foundational stage of my education.</p>
        </div>
        <h3 class="resume-title">Experience</h3>
        <div class="resume-item">
            <p><em>Fresher</em></p>

```

```

        </div>
    </div>
</div>

</div>
</section><!-- End Resume Section -->

<!-- ===== Portfolio Section ===== -->
<section id="portfolio" class="portfolio section-bg">
    <div class="container">

        <div class="section-title">
            <h2>Projects</h2>
            <p>Explore my portfolio of web development projects. From responsive websites to dynamic web applications, I take pride in delivering high-quality solutions. Check out the examples below to see my expertise in action:</p>
        </div>

        <div class="row portfolio-container" data-aos="fade-up" data-aos-delay="100">

            <div class="col-lg-4 col-md-6 portfolio-item filter-app">
                <div class="portfolio-wrap">
                    
                    <div class="portfolio-links">
                        <a href="assets/img/portfolio/project1.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web Development"><i class="bx bx-plus"></i></a>
                        <a href="https://flowerwebsitesadhana.000webhostapp.com/" title="More Details"><i class="bx bx-link"></i></a>
                    </div>
                </div>
            </div>

            <div class="col-lg-4 col-md-6 portfolio-item filter-web">
                <div class="portfolio-wrap">
                    
                    <div class="portfolio-links">
                        <a href="assets/img/portfolio/project3.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web Development"><i class="bx bx-plus"></i></a>
                        <a href="https://sadhana-12345.github.io/Indian_Forest/" title="More Details"><i class="bx bx-link"></i></a>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>

    <div class="col-lg-4 col-md-6 portfolio-item filter-app">
        <div class="portfolio-wrap">
            
            <div class="portfolio-links">
                <a href="assets/img/portfolio/project2.png" data-
gallery="portfolioGallery" class="portfolio-lightbox" title="Web
Development"><i class="bx bx-plus"></i></a>
                <a href="https://sadhana-12345.github.io/BookZone/"title="More
Details"><i class="bx bx-link"></i></a>
            </div>
        </div>
    </div>

    <div class="col-lg-4 col-md-6 portfolio-item filter-card">
        <div class="portfolio-wrap">
            
            <div class="portfolio-links">
                <a href="assets/img/portfolio/project4.jpeg" data-
gallery="portfolioGallery" class="portfolio-lightbox" title="Web
Development"><i class="bx bx-plus"></i></a>
                <a href="#" title="More Details"><i class="bx bx-
link"></i></a>
            </div>
        </div>
    </div>

    <div class="col-lg-4 col-md-6 portfolio-item filter-web">
        <div class="portfolio-wrap">
            
            <div class="portfolio-links">
                <a href="assets/img/portfolio/project5.jpg" data-
gallery="portfolioGallery" class="portfolio-lightbox" title="Web
Development"><i class="bx bx-plus"></i></a>
                <a href="https://sadhana-12345.github.io/PhotoFolio_Project/"
title="More Details"><i class="bx bx-link"></i></a>
            </div>
        </div>
    </div>
</div>

```



```

    </div>
</section><!-- End Portfolio Section -->

<!-- ===== Certificates Section ===== -->
<section id="certificate" class="certificate">
    <div class="container">

        <div class="section-title">
            <h2>Certification & Achievements</h2>
            <p>Explore my certifications and notable achievements in the field.
I'm committed to continuous learning and achieving milestones in my journey.
Here are a few highlights:</p>
        </div>

        <div class="row">
            <div class="col-lg-4 col-md-6 icon-box" data-aos="fade-up">
                <div class="icon"></div>
                <h4 class="title"><a href="skills.html" target="_blank">Skills
Build Certification</a></h4>
                <p class="description">Explore my Skills Build Certification for a
comprehensive overview of the skills I have acquired. Click the link below to
view the certificate.</p>
            </div>

            <div class="col-lg-4 col-md-6 icon-box" data-aos="fade-up" data-aos-
delay="100">
                <div class="icon"></div>
                <h4 class="title"><a href="assets/img/Certificates/cyber.pdf"
target="_blank">Cyber Security Certification</a></h4>
                <p class="description">Explore my Cyber Security Certification for a
detailed overview of my expertise in securing digital environments. Click the
link below to view the certificate.</p>
            </div>

            <div class="col-lg-4 col-md-6 icon-box" data-aos="fade-up" data-aos-
delay="200">
                <div class="icon"></div>
                <h4 class="title"><a href="assets/img/Certificates/simplilearn.pdf"
target="_blank">Simplilearn Certification</a></h4>
                <p class="description">Explore my Simplilearn Certification for
comprehensive knowledge in the specified domain. Click the link below to view
the certificate.</p>
            </div>
        </div>
    </div>

```

```

    </div>

    <div class="col-lg-4 col-md-6 icon-box" data-aos="fade-up" data-aos-
delay="300">
        <div class="icon"></div>
        <h4 class="title"><a href="assets/img/Certificates/greenskills.pdf"
target="_blank">Green Skills Certification</a></h4>
        <p class="description">Discover my Green Skills Certification
showcasing expertise in sustainable practices. Click the link below to view
the certificate.</p>
    </div>

    <div class="col-lg-4 col-md-6 icon-box" data-aos="fade-up" data-aos-
delay="400">
        <div class="icon"></div>
        <h4 class="title"><a href="assets/img/Certificates/ibmchatbot.pdf"
target="_blank">IBM Chatbot </a></h4>
        <p class="description">I am certified with the "Build Your Own
Chatbot" certificate from IBM. Click the link below to view the
certificate..</p>
    </div>

    <div class="col-lg-4 col-md-6 icon-box" data-aos="fade-up" data-aos-
delay="500">
        <div class="icon"></div>
        <h4 class="title"><a href="https://www.credly.com/users/sadhana-
prajapati/badges" target="_blank">Credly Badges</a></h4>
        <p class="description">View my collection of Credly Badges
representing various achievements. Click the link below to explore the
badges.</p>
    </div>

</div>
</section><!-- End Certificates Section -->

<!-- ===== Contact Section ===== -->
<section id="contact" class="contact">
    <div class="container">

        <div class="section-title">
            <h2>Contact</h2>
            <p>Feel free to get in touch with me for any inquiries or
collaboration opportunities. I'm available through the following channels:</p>

```

```

</div>

<div class="row" data-aos="fade-in">

  <div class="col-lg-5 d-flex align-items-stretch">
    <div class="info">
      <div class="address">
        <i class="bi bi-geo-alt"></i>
        <h4>Location:</h4>
        <p>Hamirpur, Uttar Pradesh</p>
      </div>

      <div class="email">
        <i class="bi bi-envelope"></i>
        <h4>Email:</h4>
        <p>psadhana582003@gmail.com</p>
      </div>

      <div class="phone">
        <i class="bi bi-phone"></i>
        <h4>Call:</h4>
        <p>+91 7355668748</p>
      </div>

      <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d14349.623547573909!
2d80.1552415!3d25.9547256!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x
399cfc4d8f74b8f1%3A0x83bcd20cf41b3b2b!2sHamirpur%2C%20Uttar%20Pradesh%20210301
!5e0!3m2!1sen!2sin!4v1706501872002!5m2!1sen!2sin" frameborder="0"
style="border:0; width: 100%; height: 290px;" allowfullscreen></iframe>
    </div>

  </div>

  <div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-stretch">
    <form action="#" method="post" role="form" class="php-email-form">
      <div class="row">
        <div class="form-group col-md-6">
          <label for="name">Your Name</label>
          <input type="text" name="name" class="form-control"
id="name" required>
        </div>
        <div class="form-group col-md-6">
          <label for="name">Your Email</label>
          <input type="email" class="form-control" name="email"
id="email" required>

```

```

        </div>
    </div>
    <div class="form-group">
        <label for="name">Subject</label>
        <input type="text" class="form-control" name="subject"
id="subject" required>
    </div>
    <div class="form-group">
        <label for="name">Message</label>
        <textarea class="form-control" name="message" rows="10"
required></textarea>
    </div>
    <div class="my-3">
        <div class="loading">Loading</div>
        <div class="error-message"></div>
        <div class="sent-message">Your message has been sent. Thank
you!</div>
    </div>
    <div class="text-center"><button type="submit">Send
Message</button></div>
</form>
</div>

</div>

</div>
</section><!-- End Contact Section -->

</main><!-- End #main -->

<!-- ===== Footer ===== -->
<footer id="footer">
    <div class="container">
        <div class="copyright">
            &copy; Copyright <strong><span>SadhanaPrajapati</span></strong>
        </div>
        <div class="credits">
            Designed by <a href="#">Sadhana Prajapati</a>
        </div>
    </div>
</footer><!-- End Footer -->

<a href="#" class="back-to-top d-flex align-items-center justify-content-
center"><i class="bi bi-arrow-up-short"></i></a>
</script>
<!-- Vendor JS Files -->

```

```

<script src="assets/vendor/purecounter/purecounter_vanilla.js"></script>
<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/typed.js/typed.umd.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>
<script>
    window.watsonAssistantChatOptions = {
        integrationID: "01b8e496-1b91-46ba-ae57-0bc95b6dd9be", // The ID of this
integration.
        region: "eu-gb", // The region your integration is hosted in.
        serviceInstanceID: "55333887-ef9c-478e-8c90-71b0aa8e38eb", // The ID of
your service instance.
        onLoad: async (instance) => { await instance.render(); }
    };
    setTimeout(function(){
        const t=document.createElement('script');
        t.src="https://web-
chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";
        document.head.appendChild(t);
    });
</script>
</body>

</html>

```

## skills.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <style>
        body{
            background-color: black;
            position: absolute;;

```

```

}

.image-container {
  display: flex;
}

.image-container img {
  max-width: 700px;
  height: auto;
  margin: 20px; /* Add some margin between the images */
  margin-left: 50px;
}

.image-container img:hover {
  margin-top: -2px; /* Move the image up on hover */
}

h1{
  color: #149ddd;
  font-family: "Open Sans", sans-serif;
  text-align: center;
  font-size: 50px;
  text-shadow: 1px 2px #fff;
}

span{
  color: #fff;
  text-shadow: 1px 2px #149ddd;
}

</style>
<title>SkillsBuild Certificates</title>
</head>
<body>
<h1><span>SkillsBuild</span> Certificates</h1><br><br>
<div class="image-container">
  
  
</div>

<div class="image-container">
  
  
</div>

<div class="image-container">
  
  
</div>

```

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<div class="image-container">
  
  
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</div>

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  </div>

  <div class="image-container">
    
    
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<div class="image-container">
  
  
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<div class="image-container">
  
  
</div>

<div class="image-container">
  
</div>
</body>
</html>
```

## style.css

```
body {
  font-family: "Open Sans", sans-serif;
  color: #272829;
}

a {
  color: #149ddd;
  text-decoration: none;
}

a:hover {
  color: #37b3ed;
  text-decoration: none;
}

h1,
h2,
h3,
h4,
h5,
h6 {
  font-family: "Raleway", sans-serif;
}

/*-----
# Back to top button
-----*/
.back-to-top {
  position: fixed;
  visibility: hidden;
  opacity: 0;
  right: 5px;
  bottom: 15px;
  z-index: 996;
  background: #149ddd;
  width: 30px;
  height: 30px;
  border-radius: 50px;
  transition: all 0.4s;
}

.back-to-top i {
  font-size: 28px;
  color: #fff;
}
```

```

    line-height: 0;
}

.back-to-top:hover {
    background: #2eafec;
    color: #fff;
}

.back-to-top.active {
    visibility: visible;
    opacity: 1;
}

/*-----
# Header
-----*/
#header {
    position: fixed;
    top: 0;
    left: 0;
    bottom: 0;
    width: 300px;
    transition: all ease-in-out 0.5s;
    z-index: 9997;
    transition: all 0.5s;
    padding: 0 15px;
    background: #040b14;
    overflow-y: auto;
}

#header .profile img {
    margin: 15px auto;
    display: block;
    width: 120px;
    border: 8px solid #2c2f3f;
}

#header .profile h1 {
    font-size: 24px;
    margin: 0;
    padding: 0;
    font-weight: 600;
    -moz-text-align-last: center;
    text-align-last: center;
    font-family: "Poppins", sans-serif;
}

```

```

#header .profile h1 a,
#header .profile h1 a:hover {
  color: #fff;
  text-decoration: none;
}

#header .profile .social-links a {
  font-size: 18px;
  display: inline-block;
  background: #212431;
  color: #fff;
  line-height: 1;
  padding: 8px 0;
  margin-right: 4px;
  border-radius: 50%;
  text-align: center;
  width: 36px;
  height: 36px;
  transition: 0.3s;
}

#header .profile .social-links a:hover {
  background: #149ddd;
  color: #fff;
  text-decoration: none;
}

#main {
  margin-left: 300px;
}

.container,
.container-fluid {
  padding-left: 30px;
  padding-right: 30px;
}

@media (max-width: 1199px) {
  #header {
    left: -300px;
  }

  #main {
    margin-left: 0;
  }
}

```

```

.container,
.container-fluid {
    padding-left: 12px;
    padding-right: 12px;
}
}

/*-----
# Navigation Menu
-----*/
/* Desktop Navigation */
.nav-menu {
    padding: 30px 0 0 0;
}

.nav-menu * {
    margin: 0;
    padding: 0;
    list-style: none;
}

.nav-menu>ul>li {
    position: relative;
    white-space: nowrap;
}

.nav-menu a,
.nav-menu a:focus {
    display: flex;
    align-items: center;
    color: #a8a9b4;
    padding: 12px 15px;
    margin-bottom: 8px;
    transition: 0.3s;
    font-size: 15px;
}

.nav-menu a i,
.nav-menu a:focus i {
    font-size: 24px;
    padding-right: 8px;
    color: #6f7180;
}

.nav-menu a:hover,

```



```

.nav-menu .active,
.nav-menu .active:focus,
.nav-menu li:hover>a {
  text-decoration: none;
  color: #fff;
}

.nav-menu a:hover i,
.nav-menu .active i,
.nav-menu .active:focus i,
.nav-menu li:hover>a i {
  color: #149ddd;
}

/* Mobile Navigation */
.mobile-nav-toggle {
  position: fixed;
  right: 15px;
  top: 15px;
  z-index: 9998;
  border: 0;
  font-size: 24px;
  transition: all 0.4s;
  outline: none !important;
  background-color: #149ddd;
  color: #fff;
  width: 40px;
  height: 40px;
  display: inline-flex;
  align-items: center;
  justify-content: center;
  line-height: 0;
  border-radius: 50px;
  cursor: pointer;
}

.mobile-nav-active {
  overflow: hidden;
}

.mobile-nav-active #header {
  left: 0;
}

/*-----
# Hero Section

```

```

-----*/
#hero {
  width: 100%;
  height: 100vh;
  background: url("../img/bg-profile.jpg") top center;
  background-size: cover;
}

#hero:before {
  content: "";
  background: rgba(5, 13, 24, 0.3);
  position: absolute;
  bottom: 0;
  top: 0;
  left: 0;
  right: 0;
  z-index: 1;
}

#hero .hero-container {
  position: relative;
  z-index: 2;
  min-width: 300px;
}

#hero h1 {
  margin: 0 0 10px 0;
  font-size: 64px;
  font-weight: 700;
  line-height: 56px;
  color: #fff;
}

#hero p {
  color: #fff;
  margin-bottom: 50px;
  font-size: 26px;
  font-family: "Poppins", sans-serif;
}

#hero p span {
  color: #fff;
  padding-bottom: 4px;
  letter-spacing: 1px;
  border-bottom: 3px solid #149ddd;
}

```

```

@media (min-width: 1024px) {
  #hero {
    background-attachment: fixed;
  }
}

@media (max-width: 768px) {
  #hero h1 {
    font-size: 28px;
    line-height: 36px;
  }

  #hero h2 {
    font-size: 18px;
    line-height: 24px;
    margin-bottom: 30px;
  }
}

/*-----
# Sections General
-----*/

section {
  padding: 60px 0;
  overflow: hidden;
}

.section-bg {
  background: #f5f8fd;
}

.section-title {
  padding-bottom: 30px;
}

.section-title h2 {
  font-size: 32px;
  font-weight: bold;
  margin-bottom: 20px;
  padding-bottom: 20px;
  position: relative;
  color: #173b6c;
}

.section-title h2::after {

```

```

    content: "";
    position: absolute;
    display: block;
    width: 50px;
    height: 3px;
    background: #149ddd;
    bottom: 0;
    left: 0;
}

.section-title p {
    margin-bottom: 0;
}

/*-----
# About
-----*/

.about .content h3 {
    font-weight: 700;
    font-size: 26px;
    color: #173b6c;
}

.about .content ul {
    list-style: none;
    padding: 0;
}

.about .content ul li {
    margin-bottom: 20px;
    display: flex;
    align-items: center;
}

.about .content ul strong {
    margin-right: 10px;
}

.about .content ul i {
    font-size: 16px;
    margin-right: 5px;
    color: #149ddd;
    line-height: 0;
}

.about .content p:last-child {

```

```

    margin-bottom: 0;
}

.about .content a.cta-button {
    display: inline-block;
    margin-top: 20px;
    background-color: #149ddd;
    color: #fff;
    padding: 15px 20px;
    border: none;
    border-radius: 5px;
    font-size: 16px;
    text-decoration: none; /* Remove default link underline */
    cursor: pointer;
    transition: background-color 0.3s ease-in-out;
}

.about .content a.cta-button:hover {
    background-color: #173b6c;
}

/*-----
# Skills
-----*/

.skills .progress {
    height: 60px;
    display: block;
    background: none;
    border-radius: 0;
}

.skills .progress .skill {
    padding: 0;
    margin: 0 0 6px 0;
    text-transform: uppercase;
    display: block;
    font-weight: 600;
    font-family: "Poppins", sans-serif;
    color: #050d18;
}

.skills .progress .skill .val {
    float: right;
    font-style: normal;
}

.skills .progress-bar-wrap {

```

```

    background: #dce8f8;
    height: 10px;
}

.skills .progress-bar {
    width: 1px;
    height: 10px;
    transition: 0.9s;
    background-color: #149ddd;
}

/*-----
# Education
-----*/

.resume .resume-title {
    font-size: 26px;
    font-weight: 700;
    margin-top: 20px;
    margin-bottom: 20px;
    color: #050d18;
}

.resume .resume-item {
    padding: 0 0 20px 20px;
    margin-top: -2px;
    border-left: 2px solid #1f5297;
    position: relative;
}

.resume .resume-item h4 {
    line-height: 18px;
    font-size: 18px;
    font-weight: 600;
    text-transform: uppercase;
    font-family: "Poppins", sans-serif;
    color: #050d18;
    margin-bottom: 10px;
}

.resume .resume-item h5 {
    font-size: 16px;
    background: #e4edf9;
    padding: 5px 15px;
    display: inline-block;
    font-weight: 600;
    margin-bottom: 10px;
}

```

```

}

.resume .resume-item ul {
  padding-left: 20px;
}

.resume .resume-item ul li {
  padding-bottom: 10px;
}

.resume .resume-item:last-child {
  padding-bottom: 0;
}

.resume .resume-item::before {
  content: "";
  position: absolute;
  width: 16px;
  height: 16px;
  border-radius: 50px;
  left: -9px;
  top: 0;
  background: #fff;
  border: 2px solid #1f5297;
}

/*-----
# Portfolio
-----*/

.portfolio .portfolio-item {
  margin-bottom: 30px;
}

.portfolio #portfolio-filters {
  padding: 0;
  margin: 0 auto 35px auto;
  list-style: none;
  text-align: center;
  background: #fff;
  border-radius: 50px;
  padding: 2px 15px;
}

.portfolio #portfolio-filters li {
  cursor: pointer;
  display: inline-block;

```

```

padding: 10px 15px 8px 15px;
font-size: 14px;
font-weight: 600;
line-height: 1;
text-transform: uppercase;
color: #272829;
margin-bottom: 5px;
transition: all 0.3s ease-in-out;
}

.portfolio #portfolio-filters li:hover,
.portfolio #portfolio-filters li.filter-active {
  color: #149ddd;
}

.portfolio #portfolio-filters li:last-child {
  margin-right: 0;
}

.portfolio .portfolio-wrap {
  transition: 0.3s;
  position: relative;
  overflow: hidden;
  z-index: 1;
}

.portfolio .portfolio-wrap::before {
  content: "";
  background: rgba(255, 255, 255, 0.5);
  position: absolute;
  left: 0;
  right: 0;
  top: 0;
  bottom: 0;
  transition: all ease-in-out 0.3s;
  z-index: 2;
  opacity: 0;
}

.portfolio .portfolio-wrap .portfolio-links {
  opacity: 1;
  left: 0;
  right: 0;
  bottom: -60px;
  z-index: 3;
  position: absolute;

```



```

    transition: all ease-in-out 0.3s;
    display: flex;
    justify-content: center;
}

.portfolio .portfolio-wrap .portfolio-links a {
    color: #fff;
    font-size: 28px;
    text-align: center;
    background: rgba(20, 157, 221, 0.75);
    transition: 0.3s;
    width: 50%;
}

.portfolio .portfolio-wrap .portfolio-links a:hover {
    background: rgba(20, 157, 221, 0.95);
}

.portfolio .portfolio-wrap .portfolio-links a+a {
    border-left: 1px solid #37b3ed;
}

.portfolio .portfolio-wrap:hover::before {
    top: 0;
    left: 0;
    right: 0;
    bottom: 0;
    opacity: 1;
}

.portfolio .portfolio-wrap:hover .portfolio-links {
    opacity: 1;
    bottom: 0;
}

/*-----
# Certificates
-----*/

.certificate .icon-box {
    margin-bottom: 20px;
}

.certificate .icon {
    float: left;
    display: flex;
    align-items: center;

```

```

    justify-content: center;
    width: 54px;
    height: 54px;

    transition: 0.5s;
    overflow: hidden; /* Add this line to make the image rounded */
}

.certificate .icon img {
    max-width: 100%;
    max-height: 100%;
    /* Make the image rounded */
}

.certificate .icon-box:hover .icon {
    background: #fff;
}

.certificate .title {
    margin-left: 80px;
    font-weight: 700;
    margin-bottom: 15px;
    font-size: 18px;
}

.certificate .title a {
    color: #343a40;
}

.certificate .title a:hover {
    color: #149ddd;
}

.certificate .description {
    margin-left: 80px;
    line-height: 24px;
    font-size: 14px;
}
/*-----
# Contact
-----*/

.contact {
    padding-bottom: 130px;
}

.contact .info {

```

```
padding: 30px;
background: #fff;
width: 100%;
box-shadow: 0 0 24px 0 rgba(0, 0, 0, 0.12);
}

.contact .info i {
font-size: 20px;
color: #149ddd;
float: left;
width: 44px;
height: 44px;
background: #dff3fc;
display: flex;
justify-content: center;
align-items: center;
border-radius: 50px;
transition: all 0.3s ease-in-out;
}

.contact .info h4 {
padding: 0 0 0 60px;
font-size: 22px;
font-weight: 600;
margin-bottom: 5px;
color: #050d18;
}

.contact .info p {
padding: 0 0 10px 60px;
margin-bottom: 20px;
font-size: 14px;
color: #173b6c;
}

.contact .info .email p {
padding-top: 5px;
}

.contact .info .social-links {
padding-left: 60px;
}

.contact .info .social-links a {
font-size: 18px;
display: inline-block;
```

```

background: #333;
color: #fff;
line-height: 1;
padding: 8px 0;
border-radius: 50%;
text-align: center;
width: 36px;
height: 36px;
transition: 0.3s;
margin-right: 10px;
}

.contact .info .social-links a:hover {
background: #149ddd;
color: #fff;
}

.contact .info .email:hover i,
.contact .info .address:hover i,
.contact .info .phone:hover i {
background: #149ddd;
color: #fff;
}

.contact .php-email-form {
width: 100%;
padding: 30px;
background: #fff;
box-shadow: 0 0 24px 0 rgba(0, 0, 0, 0.12);
}

.contact .php-email-form .form-group {
padding-bottom: 8px;
}

.contact .php-email-form .validate {
display: none;
color: red;
margin: 0 0 15px 0;
font-weight: 400;
font-size: 13px;
}

.contact .php-email-form .error-message {
display: none;
color: #fff;

```

```

background: #ed3c0d;
text-align: left;
padding: 15px;
font-weight: 600;
}

.contact .php-email-form .error-message br+br {
margin-top: 25px;
}

.contact .php-email-form .sent-message {
display: none;
color: #fff;
background: #18d26e;
text-align: center;
padding: 15px;
font-weight: 600;
}

.contact .php-email-form .loading {
display: none;
background: #fff;
text-align: center;
padding: 15px;
}

.contact .php-email-form .loading:before {
content: "";
display: inline-block;
border-radius: 50%;
width: 24px;
height: 24px;
margin: 0 10px -6px 0;
border: 3px solid #18d26e;
border-top-color: #eee;
animation: animate-loading 1s linear infinite;
}

.contact .php-email-form .form-group {
margin-bottom: 15px;
}

.contact .php-email-form label {
padding-bottom: 8px;
}

```

```

.contact .php-email-form input,
.contact .php-email-form textarea {
    border-radius: 0;
    box-shadow: none;
    font-size: 14px;
}

.contact .php-email-form input {
    height: 44px;
}

.contact .php-email-form textarea {
    padding: 10px 15px;
}

.contact .php-email-form button[type=submit] {
    background: #149ddd;
    border: 0;
    padding: 10px 24px;
    color: #fff;
    transition: 0.4s;
    border-radius: 4px;
}

.contact .php-email-form button[type=submit]:hover {
    background: #37b3ed;
}

@keyframes animate-loading {
    0% {
        transform: rotate(0deg);
    }

    100% {
        transform: rotate(360deg);
    }
}

/*-----*/
# Breadcrumbs
/*-----*/

.breadcrumbs {
    padding: 20px 0;
    background: #f9f9f9;
}

```

```

.breadcrumbs h2 {
  font-size: 26px;
  font-weight: 300;
}

.breadcrumbs ol {
  display: flex;
  flex-wrap: wrap;
  list-style: none;
  padding: 0;
  margin: 0;
  font-size: 15px;
}

.breadcrumbs ol li+li {
  padding-left: 10px;
}

.breadcrumbs ol li+li::before {
  display: inline-block;
  padding-right: 10px;
  color: #0e2442;
  content: "/";
}

@media (max-width: 768px) {
  .breadcrumbs .d-flex {
    display: block !important;
  }

  .breadcrumbs ol {
    display: block;
  }

  .breadcrumbs ol li {
    display: inline-block;
  }
}

/*-----
# Footer
-----*/
#footer {
  padding: 15px;
  color: #f4f6fd;
  font-size: 14px;
}

```

```

position: fixed;
left: 0;
bottom: 0;
width: 300px;
z-index: 9999;
background: #040b14;
}

#footer .copyright {
  text-align: center;
}

#footer .credits {
  padding-top: 5px;
  text-align: center;
  font-size: 13px;
  color: #eaebf0;
}

@media (max-width: 1199px) {
  #footer {
    position: static;
    width: auto;
    padding-right: 20px 15px;
  }
}

```

## main.js

```

(function() {
  "use strict";

  /**
   * Easy selector helper function
   */
  const select = (el, all = false) => {
    el = el.trim()
    if (all) {
      return [...document.querySelectorAll(el)]
    } else {
      return document.querySelector(el)
    }
  }

  /**
   * Easy event listener function

```



```

*/
const on = (type, el, listener, all = false) => {
  let selectEl = select(el, all)
  if (selectEl) {
    if (all) {
      selectEl.forEach(e => e.addEventListener(type, listener))
    } else {
      selectEl.addEventListener(type, listener)
    }
  }
}

/**
 * Easy on scroll event listener
 */
const onscroll = (el, listener) => {
  el.addEventListener('scroll', listener)
}

/**
 * Navbar links active state on scroll
 */
let navbarlinks = select('#navbar .scrollto', true)
const navbarlinksActive = () => {
  let position = window.scrollY + 200
  navbarlinks.forEach(navbarlink => {
    if (!navbarlink.hash) return
    let section = select(navbarlink.hash)
    if (!section) return
    if (position >= section.offsetTop && position <= (section.offsetTop +
section.offsetHeight)) {
      navbarlink.classList.add('active')
    } else {
      navbarlink.classList.remove('active')
    }
  })
}
window.addEventListener('load', navbarlinksActive)
onscroll(document, navbarlinksActive)

/**
 * Scrolls to an element with header offset
 */
const scrollTo = (el) => {
  let elementPos = select(el).offsetTop
  window.scrollTo({

```

```

        top: elementPos,
        behavior: 'smooth'
    })
}

/**
 * Back to top button
 */
let backtotop = select('.back-to-top')
if (backtotop) {
    const toggleBacktotop = () => {
        if (window.scrollY > 100) {
            backtotop.classList.add('active')
        } else {
            backtotop.classList.remove('active')
        }
    }
    window.addEventListener('load', toggleBacktotop)
    onscroll(document, toggleBacktotop)
}

/**
 * Mobile nav toggle
 */
on('click', '.mobile-nav-toggle', function(e) {
    select('body').classList.toggle('mobile-nav-active')
    this.classList.toggle('bi-list')
    this.classList.toggle('bi-x')
})

/**
 * Scroll with offset on links with a class name .scrollto
 */
on('click', '.scrollto', function(e) {
    if (select(this.hash)) {
        e.preventDefault()

        let body = select('body')
        if (body.classList.contains('mobile-nav-active')) {
            body.classList.remove('mobile-nav-active')
            let navbarToggle = select('.mobile-nav-toggle')
            navbarToggle.classList.toggle('bi-list')
            navbarToggle.classList.toggle('bi-x')
        }
        scrollTo(this.hash)
    }
})

```

```

    }, true)

    /**
     * Scroll with offset on page load with hash links in the url
     */
    window.addEventListener('load', () => {
      if (window.location.hash) {
        if (select(window.location.hash)) {
          scrollTo(window.location.hash)
        }
      }
    });

    /**
     * Hero type effect
     */
    const typed = select('.typed')
    if (typed) {
      let typed_strings = typed.getAttribute('data-typed-items')
      typed_strings = typed_strings.split(',')
      new Typed('.typed', {
        strings: typed_strings,
        loop: true,
        typeSpeed: 100,
        backSpeed: 50,
        backDelay: 2000
      });
    }

    /**
     * Skills animation
     */
    let skillsContent = select('.skills-content');
    if (skillsContent) {
      new Waypoint({
        element: skillsContent,
        offset: '80%',
        handler: function(direction) {
          let progress = select('.progress .progress-bar', true);
          progress.forEach((el) => {
            el.style.width = el.getAttribute('aria-valuenow') + '%'
          });
        }
      })
    }
  }
}

```

```

/**
 * Portfolio isotope and filter
 */
window.addEventListener('load', () => {
  let portfolioContainer = select('.portfolio-container');
  if (portfolioContainer) {
    let portfolioIsotope = new Isotope(portfolioContainer, {
      itemSelector: '.portfolio-item'
    });

    let portfolioFilters = select('#portfolio-filters li', true);

    on('click', '#portfolio-filters li', function(e) {
      e.preventDefault();
      portfolioFilters.forEach(function(el) {
        el.classList.remove('filter-active');
      });
      this.classList.add('filter-active');

      portfolioIsotope.arrange({
        filter: this.getAttribute('data-filter')
      });
      portfolioIsotope.on('arrangeComplete', function() {
        AOS.refresh()
      });
    }, true);
  }
});

/**
 * Initiate portfolio lightbox
 */
const portfolioLightbox = GLightbox({
  selector: '.portfolio-lightbox'
});

/**
 * Portfolio details slider
 */
new Swiper('.portfolio-details-slider', {
  speed: 400,
  loop: true,
  autoplay: {
    delay: 5000,
    disableOnInteraction: false
  }
});

```

```

    },
    pagination: {
      el: '.swiper-pagination',
      type: 'bullets',
      clickable: true
    }
  });

  /**
   * Animation on scroll
   */
  window.addEventListener('load', () => {
    AOS.init({
      duration: 1000,
      easing: 'ease-in-out',
      once: true,
      mirror: false
    })
  });

  /**
   * Initiate Pure Counter
   */
  new PureCounter();
})();

```

## 9. FUTURE SCOPE

The future scope of my personal portfolio includes exciting possibilities for enhanced user experiences. Potential advancements involve exploring 3D immersive experiences through virtual reality integration, securing and verifying professional credentials using blockchain technology, and implementing machine learning algorithms for personalized content recommendations. Augmented reality portfolio cards could offer dynamic updates, while collaboration features may extend the platform for joint project showcases. Voice-activated navigation and smartwatch compatibility are additional considerations to ensure adaptability to emerging technological trends. These enhancements aim to elevate the user experience and showcase adaptability to stay at the forefront of web development trends.

## 10. CONCLUSION

In creating this personal portfolio, I've blended creativity and technology to showcase my professional journey. By using modern web development and integrating IBM Watson's AI, this portfolio goes beyond the usual personal websites.

The portfolio's design, easy navigation, and interactive elements show my commitment to user-friendly design. The AI chatbot adds intelligence, making conversations engaging and the experience more personalized.

Looking back from idea to reality, this portfolio isn't just a static display of achievements—it's a living entity that can adapt to changes in web technologies. With multimedia, accessibility, and potential future upgrades, it's a forward-looking representation of my professional self.

This project isn't just a display; it's an example of what's possible when innovation and thoughtful design come together. It invites users to explore a digital story beyond the usual personal websites. In conclusion, this portfolio isn't just a stop; it's the start of a dynamic and always-evolving digital presence.

## 11. REFERENCES

- [1] <https://getbootstrap.com/docs/5.3/getting-started/introduction/>
- [2] <https://www.w3schools.com/html/>
- [3] <https://www.w3schools.com/css/>
- [4] <https://www.w3schools.com/js/>