

Name : Bisma Azeem

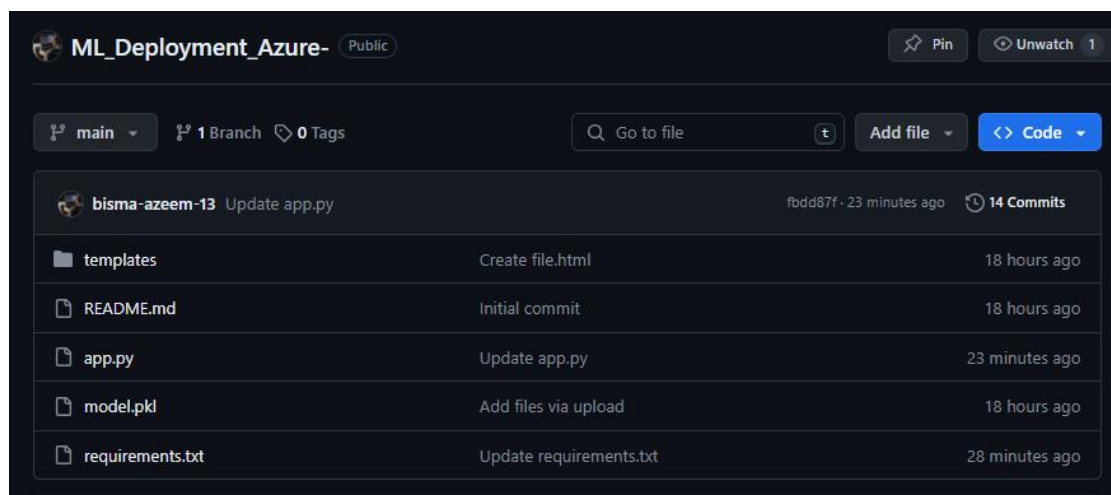
Batch Code : LISUM32

Submission Date : May 5, 2024

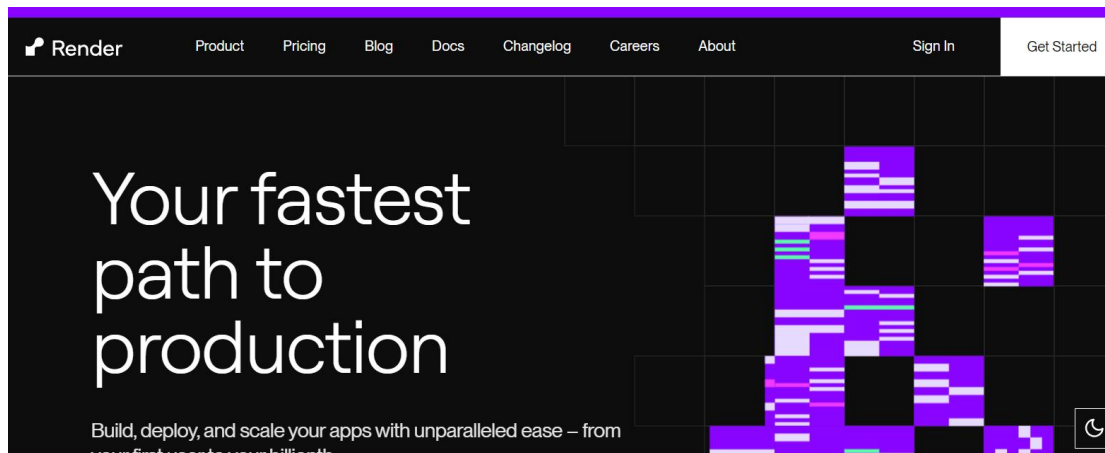
Submitted to : Data Glacier

Deployment Steps:

1. I wrote code and required files and uploaded them on Github

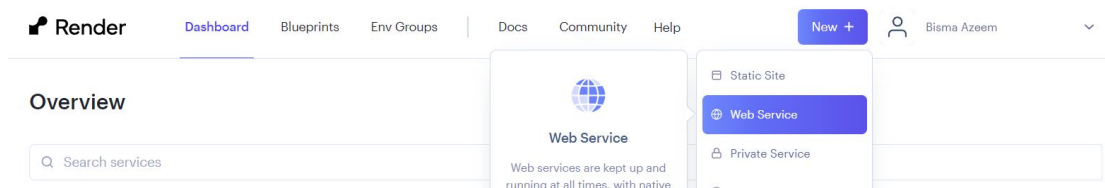


2. Created account on “Render” Cloud Services



3. Navigated to “Web Services” and Connected my github

Repo



Create a new Web Service

Connect a Git repository, or use an existing image.

How would you like to deploy your web service?

☒ Build and deploy from a Git repository

Connect a GitHub or GitLab repository.

☐ Deploy an existing image from a registry **ADVANCED**

Pull a public image from any registry or a private image from Docker Hub, GitHub, or GitLab.

Next

Connect a repository

Search...

bisma-azeem-13 / ML_Deployment_Azure- • 6 minutes ago

Connect

GitHub

@bisma-azeem-13

 • 10 repos

Configure account

4. Set up my Web App

You are deploying a web service for **bisma-azeem-13/ML_Deployment_Azure-**.

You seem to be using **Flask**, so we've autofilled some fields accordingly. Make sure the values look right to you!

Name
A unique name for your web service.

My-Flower-Prediction-App

Region
The region where your web service runs. Services must be in the same region to communicate privately and you currently have services running in **Oregon**.

Oregon (US West)

Branch
The repository branch used for your web service.

main

5. Deployment Started

```
All logs Search Live tail GMT+3
May 5 05:59:11 PM => Cloning from https://github.com/bisma-azeem-13/ML_Deployment_Azure-
May 5 05:59:11 PM => Checking out commit fbdd87fb0de8068822cdeb172ecc72342201b39c in branch main
May 5 05:59:13 PM => Using Node version 20.12.2 (default)
May 5 05:59:13 PM => Docs on specifying a Node version: https://render.com/docs/node-version
May 5 05:59:15 PM => Using Bun version 1.1.0 (default)
May 5 05:59:15 PM => Docs on specifying a bun version: https://render.com/docs/bun-version
May 5 05:59:15 PM => Using Python version 3.11.9 (default)
May 5 05:59:15 PM => Docs on specifying a Python version: https://render.com/docs/python-version
```

```
All logs Search Live tail GMT+3
May 5 05:59:34 PM Downloading werkzeug-3.0.2-py3-none-any.whl (226 kB)
May 5 05:59:35 PM 226.8/226.8 kB 915.2 kB/s eta 0:00:00
May 5 05:59:35 PM Downloading packaging-24.0-py3-none-any.whl (53 kB)
May 5 05:59:35 PM 53.5/53.5 kB 207.2 kB/s eta 0:00:00
May 5 05:59:35 PM Installing collected packages: threadpoolctl, packaging, numpy, MarkupSafe, joblib, itsdangerous, click, blinker, Werkzeug, scipy, Jinja2, gunicorn, scikit-learn, Flask
May 5 05:59:51 PM ==> Uploading build...
May 5 05:59:46 PM Successfully installed Flask-3.0.2 Jinja2-3.1.3 MarkupSafe-2.1.5 Werkzeug-3.0.2 blinker-1.8.1 click-8.1.7 gunicorn-2.2.0 itsdangerous-2.2.0 joblib-1.4.2 numpy-1.26.0 packaging-24.0 scikit-learn-1.4.2 scipy-1.13.0 threadpoolctl-3.5.0
May 5 06:00:03 PM ==> Build uploaded in 8s
May 5 06:00:03 PM ==> Build successful 🎉
May 5 06:00:13 PM ==> Deploying...
```

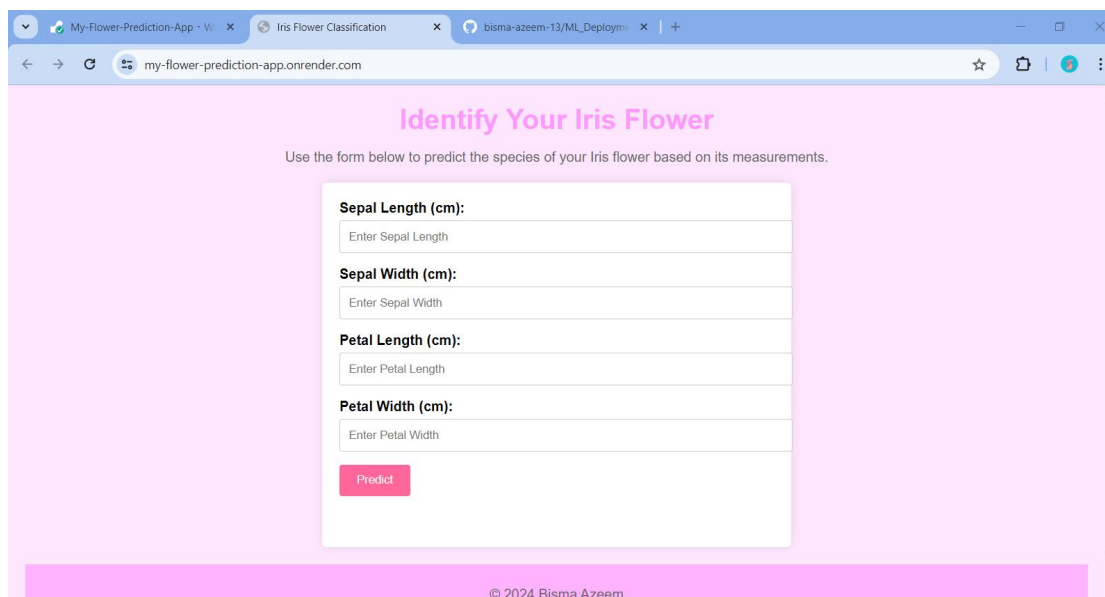
6. Deployment Successful

```
May 5 06:00:49 PM [2024-05-05 15:00:49 +0000] [75] [INFO] Listening at: http://0.0.0.0:10000 (75)
May 5 06:00:49 PM [2024-05-05 15:00:49 +0000] [75] [INFO] Using worker: sync
May 5 06:00:49 PM [2024-05-05 15:00:49 +0000] [91] [INFO] Booting worker with pid: 91
May 5 06:00:50 PM 127.0.0.1 - - [05/May/2024:15:00:50 +0000] "HEAD / HTTP/1.1" 200 0 "-" "Go-http-client/1.1"
May 5 06:00:59 PM ==> Your service is live 🎉
May 5 06:00:59 PM 127.0.0.1 - - [05/May/2024:15:00:59 +0000] "GET / HTTP/1.1" 200 2799 "-" "Go-http-client/2.0"
```

7. Link to my Web App:



8. Interface of my Web App



9. Testing the App

149	5.9	3.0	5.1	1.8	Iris-virginica
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Sepal Length (cm):

Sepal Width (cm):

Petal Length (cm):

Petal Width (cm):

Predict

The species name of iris flower is ['virginica']

4	5.0	3.6	1.4	0.2	Iris-setosa
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Identify Your Iris Flower

Use the form below to predict the species of your Iris flower based on its measurements.

Sepal Length (cm):

Sepal Width (cm):

Petal Length (cm):

Petal Width (cm):

Predict

The species name of iris flower is ['setosa']

P.S: Link to the web app is in Github file “Link”