#### **Create VM in Microsoft Azure:**

# **Step 1: Login into Microsoft Account**

### Step 2 : navigate to create resource $\rightarrow$ virtual machine $\rightarrow$

There are several Tabs in the Creating VM. in the Basic Tab Set

Subscription Type, Resource Group, and Selecting Region.

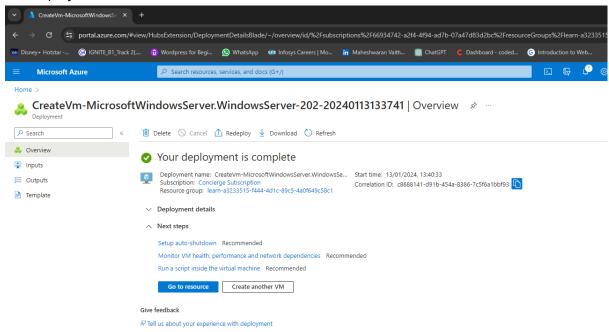
Step 3: Select Which os to be installed on VM. set username and password for the VM.

Step 4 : Set the Ports and navigate to Disk Tab

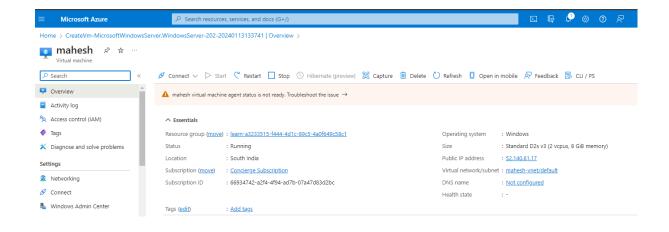
**Step 5:** Set the Storage Type and Select other options to set and Review and Create.

Step 6: Connect a VM to the RDP using Public IP Address provided by VM

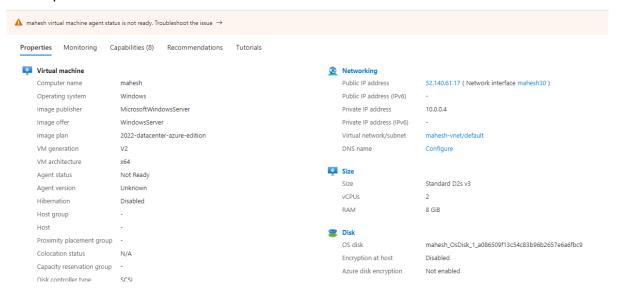
### VM Deployed:



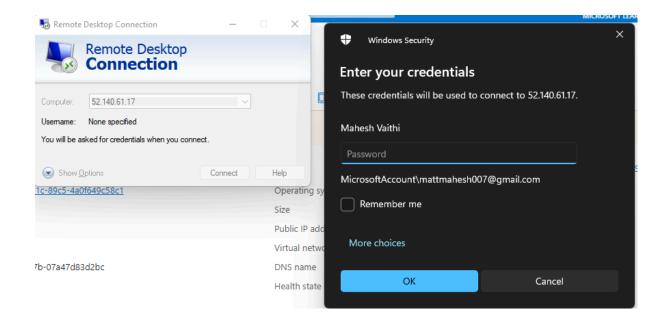
VM Info



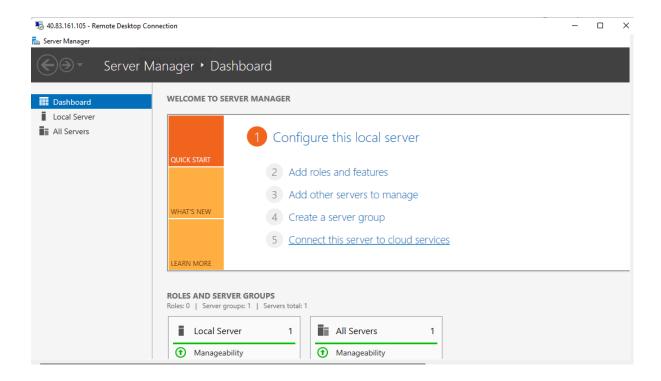
### **VM Properties**



To connect with RDP with Public IP



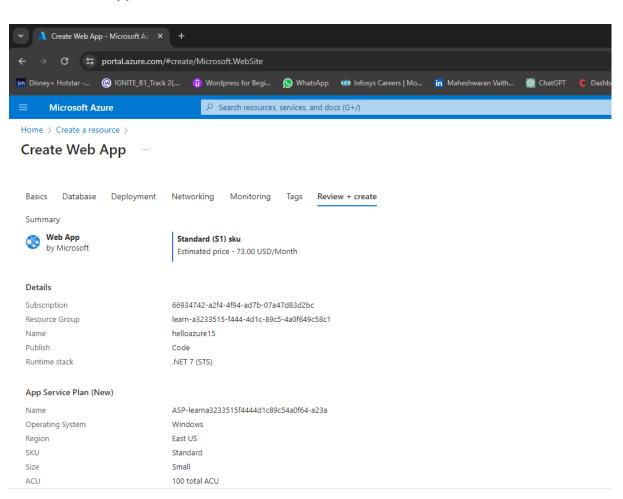
### Local server dashboard



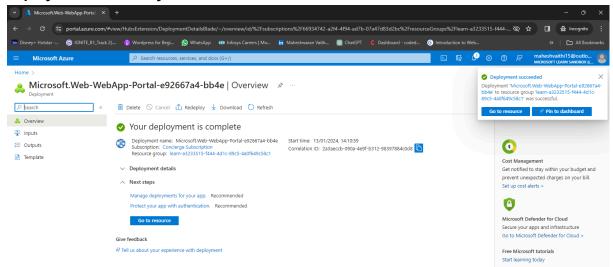
We can use VM on Azure



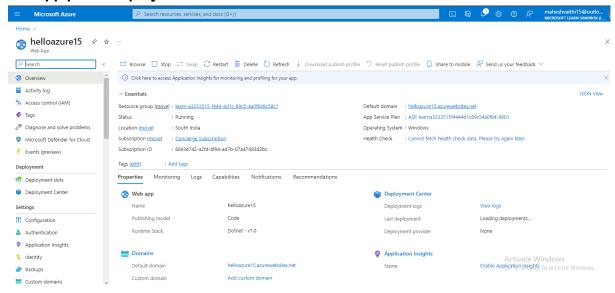
## To create WebApp in Azure

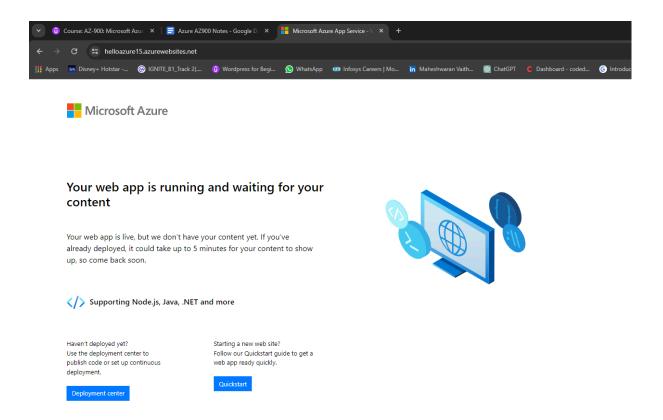


### **Deployed Successfully**



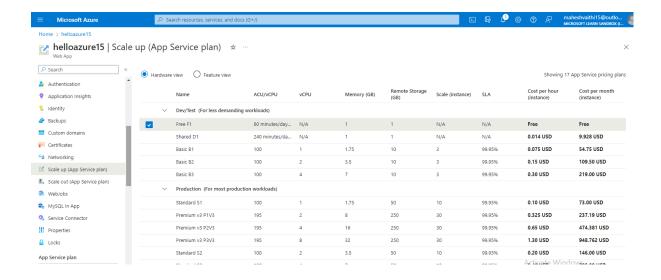
### Webapp portal deployed





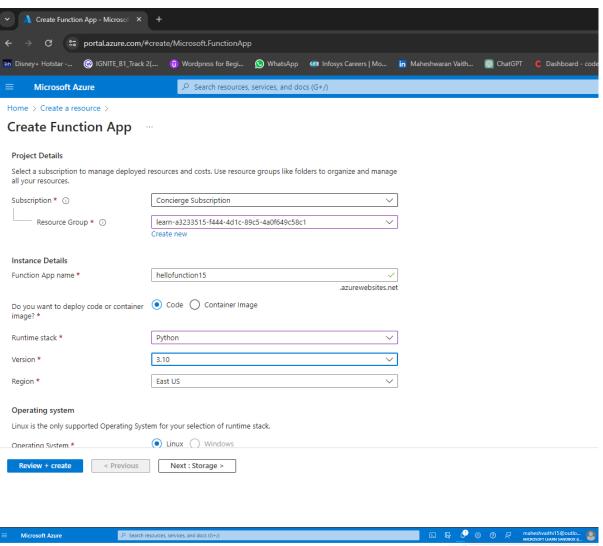
Deployed link: <a href="https://helloazure15.azurewebsites.net/">https://helloazure15.azurewebsites.net/</a>

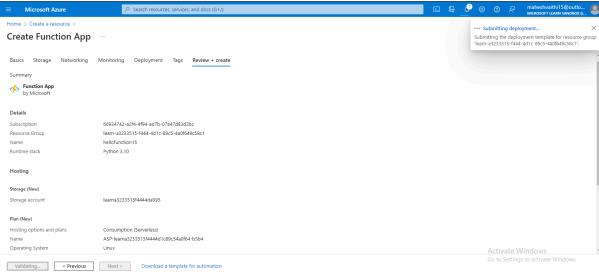
### **Exploring scaleup and scaledown features**



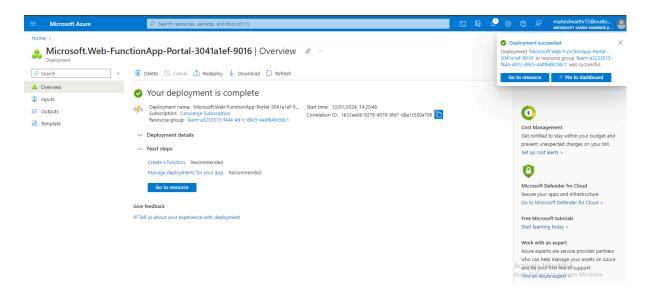
### **Create FunctionApp in Azure:**

## Setting up for function app

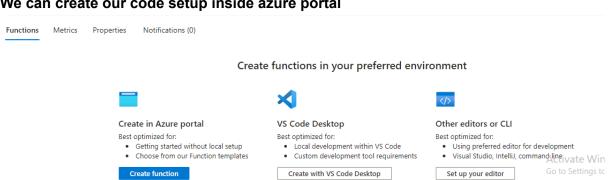




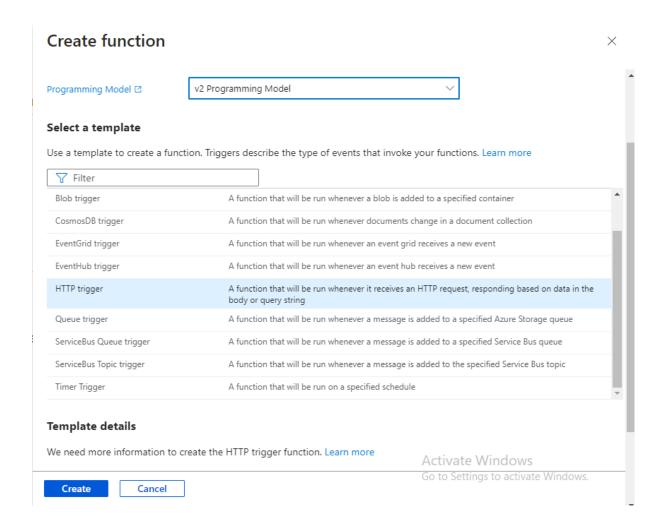
### **Function App created**



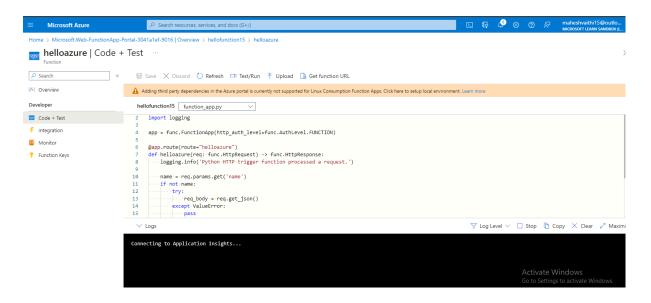
## We can create our code setup inside azure portal



## **Creating code**

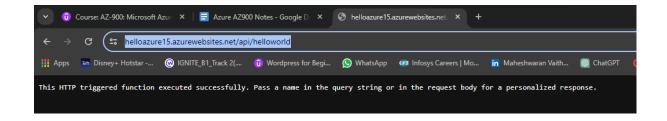


### Function code app



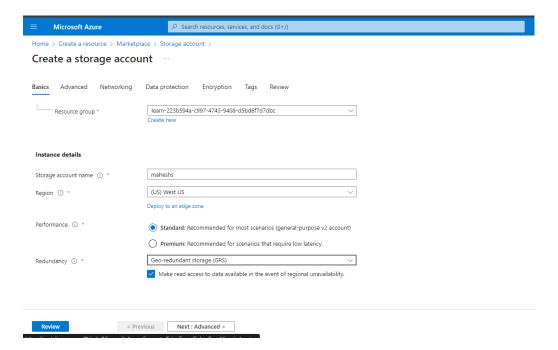
# Navigate to get function url to get the URL

https://helloazure15.azurewebsites.net/api/helloworld

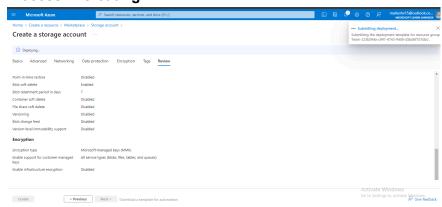


ContainerApp and Azure Kubernetes are Not Supported in this Free Version.

## **Creating Storage Account**



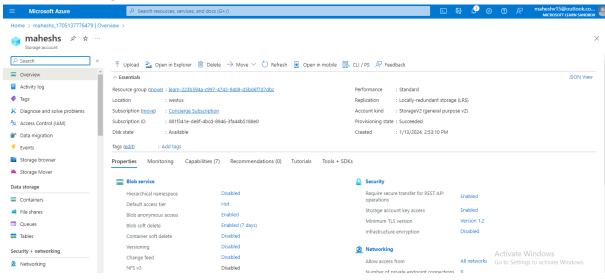
### Process in creating



### **Deployed**



## **Details of Storage Account**



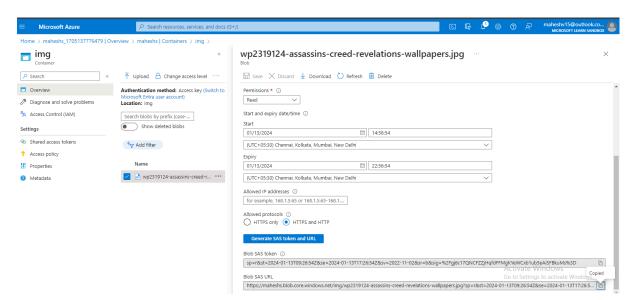
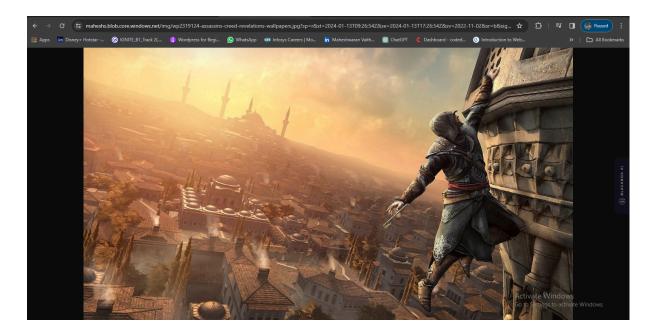


Image uploaded and url as follows

#### Url:

https://maheshs.blob.core.windows.net/img/wp2319124-assassins-creed-revelations-wallpapers.jpg?sp=r&st=2024-01-13T09:26:54Z&se=2024-01-13T17:26:54Z&sv=2022-11-02&sr=b&sig=%2Fgi6c17QNCFZZiHgfdFFMgKYeWCxb1ub5eAiSFBkuMs%3D



Copy container or data in same or different container

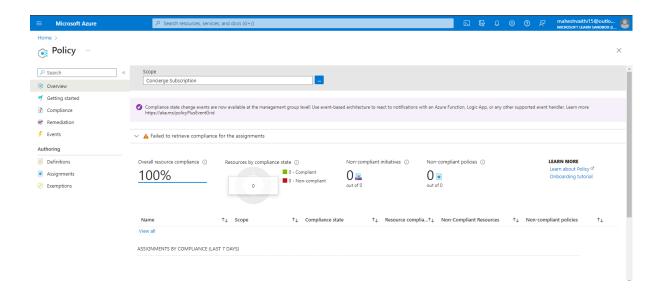
Copy the SAS url from the existing storage.

Create new storage and add permission to write

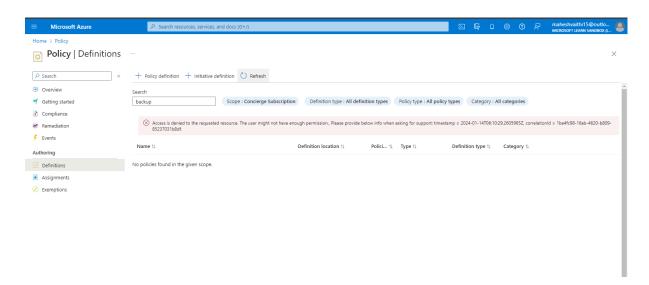
Add the existing container url into the new container

Cmd: azcopy 'url1' 'url2'

### **AZURE GOVERNANCE POLICY**

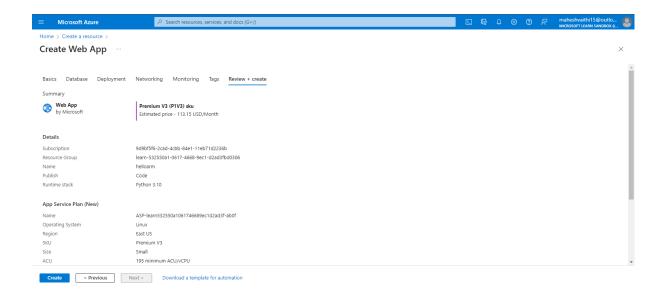


# Click on definition and wait for the policy assigned



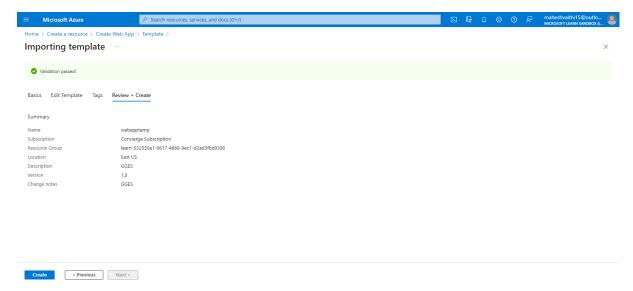
Policy Statements are written in JSON format

While Creating App it shows:



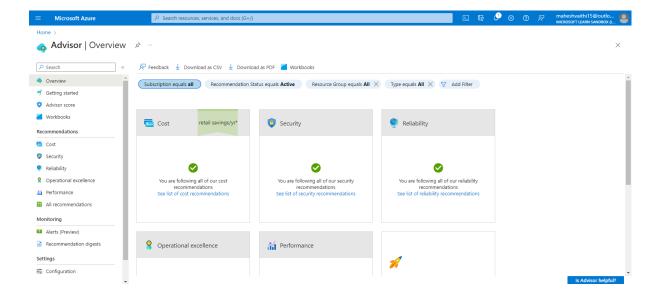
# Navigate to download template automation

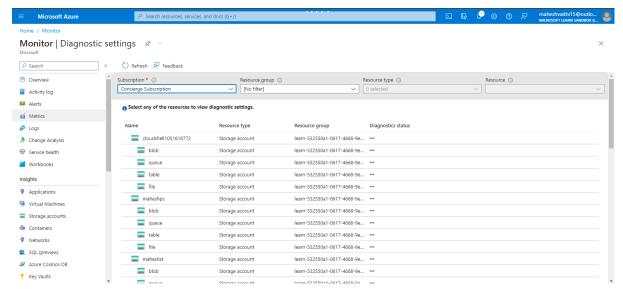
It is the JSON format used in the azure cloud.



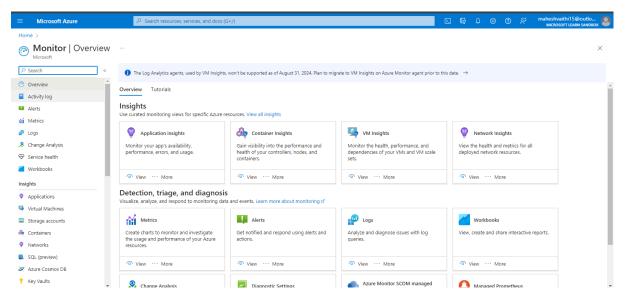
We can also importing template from the library

# Azure Advisor is used to monitor the health of the system resources





Used to get the stats of the diagnostics



Used to monitor the overview of the resources