



Dr. N.G.P INSTITUTE OF TECHNOLOGY, COIMBATORE - 641048
AN AUTONOMOUS INSTITUTION



Reg No : 710722104030
Name : HARINI M
Class : III Year CSE A
Course Name : Microsoft azure Fundamentals
Company : Pinesphere Solution,Coimbatore
Start Date : 06-08-2024
End Date : 10-08-2024
GIT URL : <https://github.com/Harini0712/HONEY.git>

S.NO	TOPICS	PAGE NO
1.	Virtual machine	1
2.	Deploying in azure VM using cmd	2
3.	Creating storage using blob	10
4.	Deploying directly with github	14
5.	Creation of Lock	16

CREATING A VIRTUAL MACHINE (VM) IN MICROSOFT AZURE:

Creating A Virtual Machine (Vm) In Microsoft Azure Involves The Following Steps:

1. Sign in to the Azure portal.
2. Navigate to "Create a resource" and select "Virtual Machine."
3. Choose a subscription, resource group, and region.
4. Configure VM settings, including size, OS, and storage.
5. Set up networking, security, and management options.
6. Review and create the VM, then monitor its deployment.

The VM will be ready to use after deployment.

The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information. The left sidebar shows the 'Overview' tab selected, with a list of navigation options including Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Networking, Settings, Availability + scale, Security, Backup + disaster recovery, Operations, Monitoring, Automation, and Help.

The main content area shows the details of a virtual machine named 'myvm'. The 'Essentials' section provides a summary of the VM's configuration:

- Resource group: [KH07-Harini](#)
- Status: Running
- Location: East US 2 (Zone 1)
- Subscription: [Azure for Students](#)
- Subscription ID: e8fca8c2-db6e-4036-b088-c2fcc71b808e
- Availability zone: 1
- Tags: [Add tags](#)
- Operating system: Linux (ubuntu 24.04)
- Size: Standard E2s v3 (2 vcpus, 16 GiB memory)
- Public IP address: [20.81.186.5](#)
- Virtual network/subnet: [myvm-vnet/default](#)
- DNS name: [Not configured](#)
- Health state: -
- Time created: 08/08/2024, 04:17 UTC

The 'Properties' tab is selected, showing the following details:

- Computer name: myvm
- Operating system: Linux (ubuntu 24.04)
- VM generation: V2
- VM architecture: x64
- Agent status: Ready

The 'Networking' tab is also visible, showing the public IP address 20.81.186.5 (Network interface myvm21_e1) and the private IP address 10.0.0.4. A message indicates that Windows is not activated and provides a link to activate it.

HOST A WEBSITE FROM GITHUB ON A VIRTUAL MACHINE (VM) IN MICROSOFT AZURE

COMMANDS

Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell

Your Cloud Shell session will be ephemeral so no files or system changes will persist beyond your current session.

harinimuruges04 [~]\$ ssh [Harini@20.81.186.5](https://20.81.186.5)

The authenticity of host '20.81.186.5 (20.81.186.5)' can't be established.

ED25519 key fingerprint is SHA256:6BYsnC7ITvYJarqFX0Tt77LwYTwYTIUm94j7DxT0HE.

This key is not known by any other names

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added '20.81.186.5' (ED25519) to the list of known hosts.

[Harini@20.81.186.5](https://20.81.186.5)'s password:

Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1010-azure x86_64)

* Documentation: <https://help.ubuntu.com>

* Management: <https://landscape.canonical.com>

* Support: <https://ubuntu.com/pro>

System information as of Fri Aug 9 06:04:57 UTC 2024

System load: 0.0 Processes: 121
Usage of /: 6.0% of 28.02GB Users logged in: 0
Memory usage: 1% IPv4 address for eth0: 10.0.0.4
Swap usage: 0%

* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s just raised the bar for easy, resilient and secure K8s cluster deployment.

<https://ubuntu.com/engage/secure-kubernetes-at-the-edge>

Expanded Security Maintenance for Applications is not enabled.

7 updates can be applied immediately.

7 of these updates are standard security updates.

To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.

See <https://ubuntu.com/esm> or run: sudo pro status

Last login: Fri Aug 9 05:37:18 2024 from 4.186.10.135

Harini@myvm:~\$ sudo apt update

Hit:1 <http://azure.archive.ubuntu.com/ubuntu> noble InRelease

Hit:2 <http://azure.archive.ubuntu.com/ubuntu> noble-updates InRelease

Hit:3 <http://azure.archive.ubuntu.com/ubuntu> noble-backports InRelease

Hit:4 <http://azure.archive.ubuntu.com/ubuntu> noble-security InRelease

```

Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
7 packages can be upgraded. Run 'apt list --upgradable' to see them.
Harini@myvm:~$ sudo apt install git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.1).
0 upgraded, 0 newly installed, 0 to remove and 7 not upgraded.
Harini@myvm:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nginx is already the newest version (1.24.0-2ubuntu7).
0 upgraded, 0 newly installed, 0 to remove and 7 not upgraded.
Harini@myvm:~$ sudo systemctl start nginx
Harini@myvm:~$ sudo systemctl enable nginx
Synchronizing state of nginx.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable nginx
Harini@myvm:~$ cd /var/www/html
Harini@myvm:/var/www/html$ sudo rm -rf *
Harini@myvm:/var/www/html$ sudo git clone https://github.com/Harini0712/HONEY.git .
fatal: destination path '.' already exists and is not an empty directory.
Harini@myvm:/var/www/html$ sudo git
clone https://github.com/Harini0712/HONEY.git /var/www/html/HONEY
Cloning into '/var/www/html/HONEY'...
remote: Enumerating objects: 71, done.
remote: Counting objects: 100% (71/71), done.
remote: Compressing objects: 100% (68/68), done.
remote: Total 71 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (71/71), 1.47 MiB | 11.29 MiB/s, done.
Harini@myvm:/var/www/html$ cd /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ ls
'Brownny Free Website Template - Free-CSS.com'
Harini@myvm:/var/www/html/HONEY$ sudo nano index.html
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Brownny Free Website Template -
Free-CSS.com'/* /var/www/html/
Harini@myvm:/var/www/html/HONEY$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Fri 2024-08-09 05:11:13 UTC; 1h 0min ago
     Docs: man:nginx(8)
  Main PID: 830 (nginx)
    Tasks: 3 (limit: 19121)
   Memory: 3.8M (peak: 4.3M)
      CPU: 30ms
   CGroup: /system.slice/nginx.service
           └─830 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─831 "nginx: worker process"
               └─832 "nginx: worker process"

Aug 09 05:11:13 myvm systemd[1]: Starting nginx.service - A high performance web server and a reverse
proxy server...
Aug 09 05:11:13 myvm systemd[1]: Started nginx.service - A high performance web server and a reverse proxy
server.

```

```

Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Brown Free Website Template -
Free-CSS.com/*' /var/www/html/
mv: cannot stat '/var/www/html/HONEY/Brown Free Website Template - Free-CSS.com/*': No such file or
directory
Harini@myvm:/var/www/html/HONEY$ sudo systemctl restart nginx
Harini@myvm:/var/www/html/HONEY$ sudo nano /etc/nginx/sites-available/default
Harini@myvm:/var/www/html/HONEY$ sudo nano /etc/nginx/sites-available/default
Harini@myvm:/var/www/html/HONEY$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
Harini@myvm:/var/www/html/HONEY$ sudo systemctl reload nginx
Harini@myvm:/var/www/html/HONEY$ sudo chown -R www-data:www-data /var/www/html
sudo chmod -R 755 /var/www/html
Harini@myvm:/var/www/html/HONEY$ ls /var/www/html
HONEY brownie-v1.0
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Brown Free Website Template -
Free-CSS.com/*' /var/www/html/
mv: cannot stat '/var/www/html/HONEY/Brown Free Website Template - Free-CSS.com/*': No such file or
directory
Harini@myvm:/var/www/html/HONEY$ cd /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ ls -l
total 4
drwxr-xr-x 2 www-data www-data 4096 Aug  9 06:11 'Brown Free Website Template - Free-CSS.com'
Harini@myvm:/var/www/html/HONEY$ ls -l /var/www/html/HONEY
total 4
drwxr-xr-x 2 www-data www-data 4096 Aug  9 06:11 'Brown Free Website Template - Free-CSS.com'
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/CorrectDirectoryName/*
/var/www/html/
mv: cannot stat '/var/www/html/HONEY/CorrectDirectoryName/*': No such file or directory
Harini@myvm:/var/www/html/HONEY$ sudo rm -rf /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ sudo git
clone https://github.com/Harini0712/HONEY.git /var/www/html/HONEY
Cloning into '/var/www/html/HONEY'...
fatal: Unable to read current working directory: No such file or directory
Harini@myvm:/var/www/html/HONEY$ cd /var/www/html/HONEY
-bash: cd: /var/www/html/HONEY: No such file or directory
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/CorrectDirectoryName/*
/var/www/html/
mv: cannot stat '/var/www/html/HONEY/CorrectDirectoryName/*': No such file or directory
Harini@myvm:/var/www/html/HONEY$ ls -l /var/www/html/HONEY/'Brown Free Website Template - Free-
CSS.com'
ls: cannot access '/var/www/html/HONEY/Brown Free Website Template - Free-CSS.com': No such file or
directory
Harini@myvm:/var/www/html/HONEY$ sudo rm -rf /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ sudo mkdir -p /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ cd /var/www/html
Harini@myvm:/var/www/html$ sudo git
clone https://github.com/Harini0712/HONEY.git /var/www/html/HONEY
Cloning into '/var/www/html/HONEY'...
remote: Enumerating objects: 71, done.
remote: Counting objects: 100% (71/71), done.
remote: Compressing objects: 100% (68/68), done.
remote: Total 71 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (71/71), 1.47 MiB | 10.80 MiB/s, done.
Harini@myvm:/var/www/html$ sudo mv /var/www/html/HONEY/'Brown Free Website Template - Free-

```

```

CSS.com/* /var/www/html/
mv: cannot overwrite '/var/www/html/browny-v1.0': Directory not empty
Harini@myvm:/var/www/html$ cd /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ ls -l
total 4
drwxr-xr-x 3 root root 4096 Aug  9 06:29 'Browny Free Website Template - Free-CSS.com'
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Browny Free Website Template -
Free-CSS.com'/* /var/www/html/
mv: cannot overwrite '/var/www/html/browny-v1.0': Directory not empty
Harini@myvm:/var/www/html/HONEY$ ls -l /var/www/html/browny-v1.0
total 40
drwxr-xr-x 8 www-data www-data 4096 Aug  9 06:09 assets
-rwxr-xr-x 1 www-data www-data 28997 Aug  9 06:09 index.html
-rwxr-xr-x 1 www-data www-data 859 Aug  9 06:09 readme.txt
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/browny-v1.0 /var/www/html/browny-v1.0-
backup
Harini@myvm:/var/www/html/HONEY$ sudo rm -rf /var/www/html/browny-v1.0
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Browny Free Website Template -
Free-CSS.com'/* /var/www/html/
Harini@myvm:/var/www/html/HONEY$ ls -l /var/www/html/
total 12
drwxr-xr-x 4 root root 4096 Aug  9 06:29 HONEY
drwxr-xr-x 3 root root 4096 Aug  9 06:29 browny-v1.0
drwxr-xr-x 3 www-data www-data 4096 Aug  9 06:09 browny-v1.0-backup
Harini@myvm:/var/www/html/HONEY$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Fri 2024-08-09 06:23:14 UTC; 8min ago
     Docs: man:nginx(8)
   Process: 4511 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited,
status=0/SUCCESS)
   Process: 4512 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited,
status=0/SUCCESS)
   Process: 4547 ExecReload=/usr/sbin/nginx -g daemon on; master_process on; -s reload (code=exited,
status=0/SUCCESS)
  Main PID: 4514 (nginx)
    Tasks: 3 (limit: 19121)
   Memory: 2.5M (peak: 4.4M)
      CPU: 29ms
   CGroup: /system.slice/nginx.service

Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ cd /var/www
Harini@myvm:/var/www$ sudo rm *
rm: cannot remove 'html': Is a directory
Harini@myvm:/var/www$ sudo rm html
rm: cannot remove 'html': Is a directory
Harini@myvm:/var/www$ rm html
rm: cannot remove 'html': Is a directory
Harini@myvm:/var/www$ sudo rm -rf *
Harini@myvm:/var/www$ sudo rm *

```

```

rm: cannot remove '*': No such file or directory
Harini@myvm:/var/www$ cd html
-bash: cd: html: No such file or directory
Harini@myvm:/var/www$ sudo mkdir -p html
Harini@myvm:/var/www$ cd html
Harini@myvm:/var/www/html$ sudo git clone https://github.com/Harini0712/HONEY.git .
Cloning into '.'...
remote: Enumerating objects: 74, done.
remote: Counting objects: 100% (74/74), done.
remote: Compressing objects: 100% (70/70), done.
remote: Total 74 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (74/74), 1.47 MiB | 10.89 MiB/s, done.
Harini@myvm:/var/www/html$ sudo chown -R www-data:www-data /var/www/html
Harini@myvm:/var/www/html$

```

```

Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
harinimuruges04@gmail...
DEFAULT DIRECTORY (KRAUSIPF...)

Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help
Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell

Your Cloud Shell session will be ephemeral so no files or system changes will persist beyond your current session.

harinimuruges04 [ ~ ]$ ssh Harini@20.81.186.5
The authenticity of host '20.81.186.5 (20.81.186.5)' can't be established.
ED25519 key fingerprint is SHA256:6BYsnc71IVYJarqF8Tt77LwYtwY1Eum94j7DxT0HE.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '20.81.186.5' (ED25519) to the list of known hosts.
Harini@20.81.186.5's password:
Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1010-azure x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information as of Fri Aug 9 06:04:57 UTC 2024

System load: 0.0 Processes: 121
Usage of /: 6.0% of 28.02GB Users logged in: 0
Memory usage: 1% IPv4 address for eth0: 10.0.0.4
Swap usage: 0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.

https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

Activate Windows
Go to Settings to activate Windows.

Type here to search
01:12 PM
09-08-2024

```



```
[LetCode] Password Reset Em... x myvm - Microsoft Azure x Harini0712/HONEY x free portfolio website - Google x HARINI x + x
portal.azure.com/#@Kkausi79097gmail.onmicrosoft.com/resource/subscriptions/e0fca8c2-db6e-4036-b088-c2fc71b808e/resourceGroups/KH07-Harini/providers/Microsoft.Compute/virtualMachines/myvm...
Microsoft Azure Search resources, services, and docs (G+) Copilot harinimuruges04@gmail...
Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help
7 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Fri Aug 9 05:37:18 2024 from 4.186.10.135
Harini@myvm:~$ sudo apt update
Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
7 packages can be upgraded. Run 'apt list --upgradable' to see them.
Harini@myvm:~$ sudo apt install git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.1).
0 upgraded, 0 newly installed, 0 to remove and 7 not upgraded.
Harini@myvm:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nginx is already the newest version (1.24.0-2ubuntu7).
0 upgraded, 0 newly installed, 0 to remove and 7 not upgraded.
Harini@myvm:~$ sudo systemctl start nginx
Harini@myvm:~$ sudo systemctl enable nginx
Synchronizing state of nginx.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable nginx
Harini@myvm:~$ cd /var/www/html
Harini@myvm:/var/www/html$ sudo rm -rf *
Harini@myvm:/var/www/html$ sudo git clone https://github.com/Harini0712/HONEY.git .

Activate Windows
Go to Settings to activate Windows.
```

```
[LetCode] Password Reset Em... x myvm - Microsoft Azure x Harini0712/HONEY x free portfolio website - Google x HARINI x + x
portal.azure.com/#@Kkausi79097gmail.onmicrosoft.com/resource/subscriptions/e0fca8c2-db6e-4036-b088-c2fc71b808e/resourceGroups/KH07-Harini/providers/Microsoft.Compute/virtualMachines/myvm...
Microsoft Azure Search resources, services, and docs (G+) Copilot harinimuruges04@gmail...
Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help
Harini@myvm:/var/www/html$ sudo git clone https://github.com/Harini0712/HONEY.git /var/www/html/HONEY
Cloning into '/var/www/html/HONEY'...
remote: Enumerating objects: 71, done.
remote: Counting objects: 100% (71/71), done.
remote: Compressing objects: 100% (68/68), done.
remote: Total 71 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (71/71), 1.47 MiB | 11.29 MiB/s, done.
Harini@myvm:/var/www/html$ cd /var/www/html/HONEY
Harini@myvm:/var/www/html/HONEY$ ls
'Browny Free Website Template - Free-CSS.com'
Harini@myvm:/var/www/html/HONEY$ sudo nano index.html
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Browny Free Website Template - Free-CSS.com'/* /var/www/html/
Harini@myvm:/var/www/html/HONEY$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Fri 2024-08-09 05:11:13 UTC; 1h 0min ago
     Docs: man:nginx(8)
    Main PID: 830 (nginx)
      Tasks: 3 (limit: 19121)
     Memory: 3.8M (peak: 4.3M)
        CPU: 36ms
   CGroup: /systemd.slice/nginx.service
           └─830 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─831 "nginx: worker process"
               └─832 "nginx: worker process"

Aug 09 05:11:13 myvm systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Aug 09 05:11:13 myvm systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.

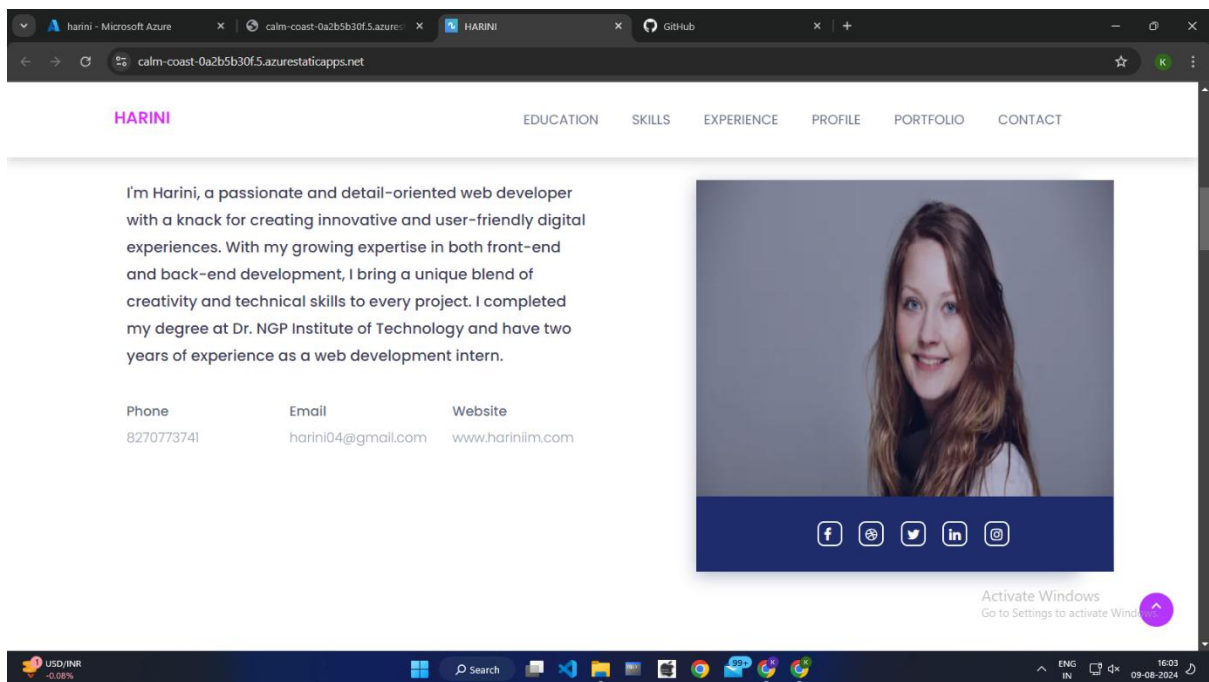
Harini@myvm:/var/www/html/HONEY$ sudo mv /var/www/html/HONEY/'Browny Free Website Template - Free-CSS.com'/* /var/www/html/
mv: cannot stat '/var/www/html/HONEY/Browny Free Website Template - Free-CSS.com/*': No such file or directory
Harini@myvm:/var/www/html/HONEY$ sudo systemctl restart nginx
Harini@myvm:/var/www/html/HONEY$ sudo nano /etc/nginx/sites-available/default
Harini@myvm:/var/www/html/HONEY$ sudo nano /etc/nginx/sites-available/default
Harini@myvm:/var/www/html/HONEY$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok

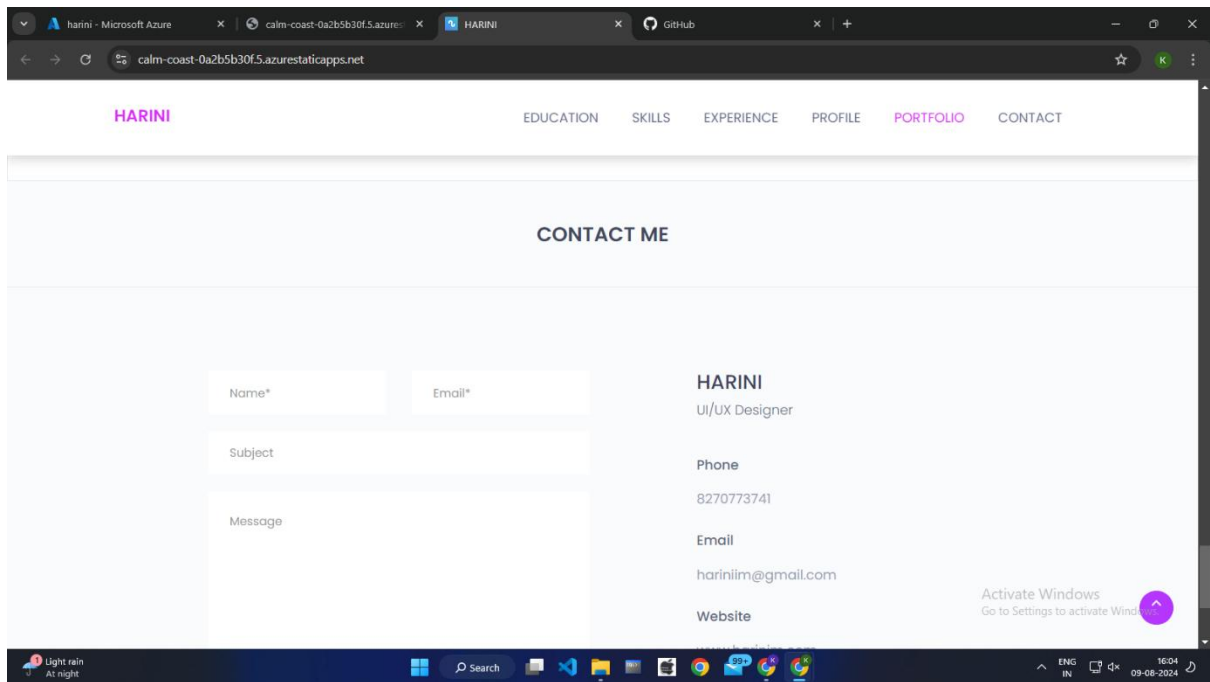
Activate Windows
Go to Settings to activate Windows.
```

```
Process: 4547 ExecReload=/usr/sbin/nginx -g daemon on; master_process on; -s reload (code=exited, status=0/SUCCESS)
Main PID: 4514 (nginx)
Tasks: 3 (limit: 19121)
Memory: 2.5M (peak: 4.4M)
CPU: 29ms
CGroup: /system.slice/nginx.service

Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ ^C
Harini@myvm:/var/www/html/HONEY$ cd /var/www
Harini@myvm:/var/www$ sudo rm *
rm: cannot remove 'html': Is a directory
Harini@myvm:/var/www$ sudo rm html
rm: cannot remove 'html': Is a directory
Harini@myvm:/var/www$ rm html
rm: cannot remove 'html': Is a directory
Harini@myvm:/var/www$ sudo rm -rf *
Harini@myvm:/var/www$ sudo rm *
rm: cannot remove '*': No such file or directory
Harini@myvm:/var/www$ cd html
-bash: cd: html: No such file or directory
Harini@myvm:/var/www$ sudo mkdir -p html
Harini@myvm:/var/www$ cd html
Harini@myvm:/var/www/html$ sudo git clone https://github.com/Harini0712/HONEY.git
Cloning into '...'
remote: Enumerating objects: 74, done.
remote: Counting objects: 100% (74/74), done.
remote: Compressing objects: 100% (70/70), done.
remote: Total 74 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (74/74), 1.47 MiB | 10.89 MiB/s, done.
Harini@myvm:/var/www/html$ sudo chown -R www-data:www-data /var/www/html
Harini@myvm:/var/www/html$
```

OUTPUT











CREATION OF STORAGE ACCOUNT IN MICROSOFT:

To Create A Storage Account In Microsoft Azure, Follow These Steps:

1. Sign in to Azure Portal.
2. Create a Resource
3. Configure the Basics
4. Set Advanced Options
5. Review and Create
6. Access the Storage Account
7. After deployment, access the storage account to manage containers, blobs, files, tables, or queues.

<input type="checkbox"/>	Name ↑	Type	Location	Resource Group	Subscription	Last accessed
<input type="checkbox"/>	 kkausika	...	Virtual machine	kkausika	Azure for Students	19 minutes ago
<input type="checkbox"/>	 kkausika	...	Resource group	kkausika	Azure for Students	19 minutes ago
<input type="checkbox"/>	 kkausika	...	Static Web App	kkausika	Azure for Students	20 minutes ago
<input type="checkbox"/>	 kkausikavm	...	Storage account	kkausika	Azure for Students	2 hours ago
<input type="checkbox"/>	 kkausika	...	Resource group	kkausika	Azure for Students	4 hours ago
<input type="checkbox"/>	 myvm	...	Virtual machine	KH07-Harini	Azure for Students	6 hours ago

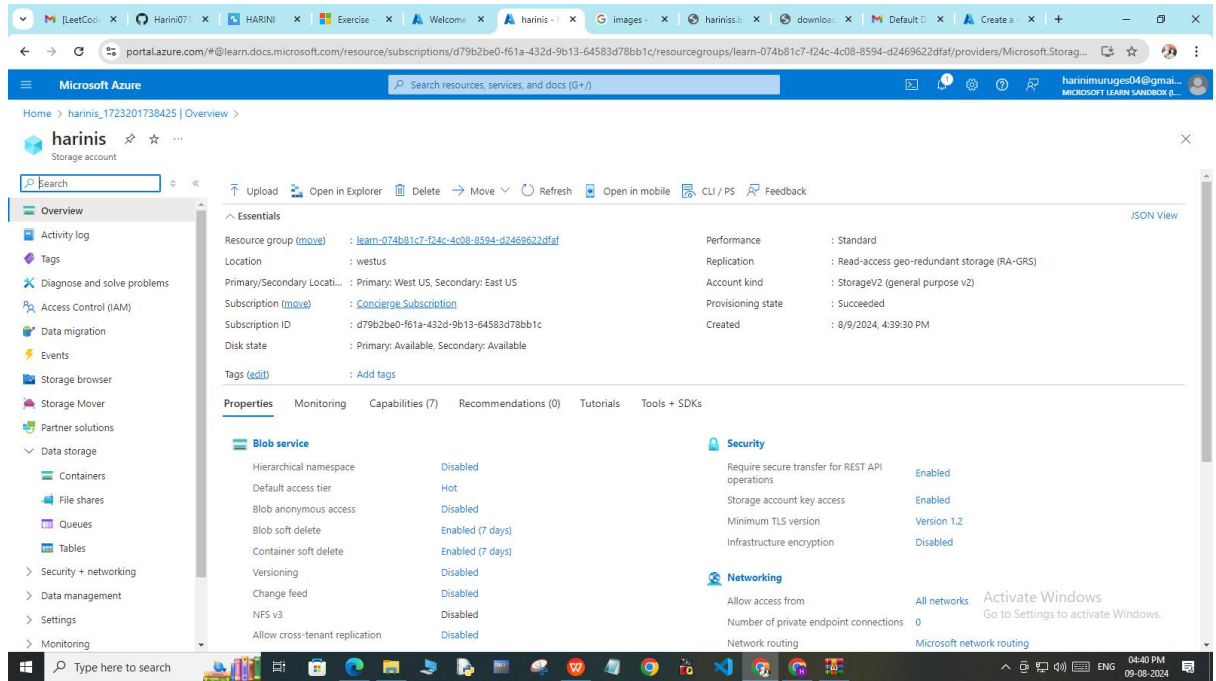
MANAGING OF STORAGE ACCOUNT

To Upload An Image Into A Container In An Azure Storage Account, Follow These Steps:

1. Access the Storage Account: Sign in to the Azure portal and navigate to your Storage Account.
2. Create a Container: In the Storage Account, select "Containers" and click "Add Container." Name the container and set the access level (private, blob, or container).
3. Open the Container: Once created, click on the container to open it.
4. Upload the Image: Click the "Upload" button within the container. In the upload window, browse your local machine to select the image file.
5. Configure Upload Settings: Optional - You can set advanced upload options like overwriting existing files, setting metadata, or assigning blob tier.
6. Start the Upload: Click "Upload" to start the process. Once the upload is complete, your image will be stored in the container and accessible based on the access level you set.

Microsoft Azure portal interface showing the "Create a storage account" wizard. The wizard is at the "Review + create" step. The "Project details" section shows the subscription as "Concierge Subscription" and the resource group as "learn-074b81c7-f24c-4c08-8594-d2469622dfaf". The "Instance details" section shows the storage account name as "harinis", the region as "(US) West US", and the performance level as "Standard: Recommended for most scenarios (general-purpose v2 account)". The "Review + create" button is visible at the bottom.

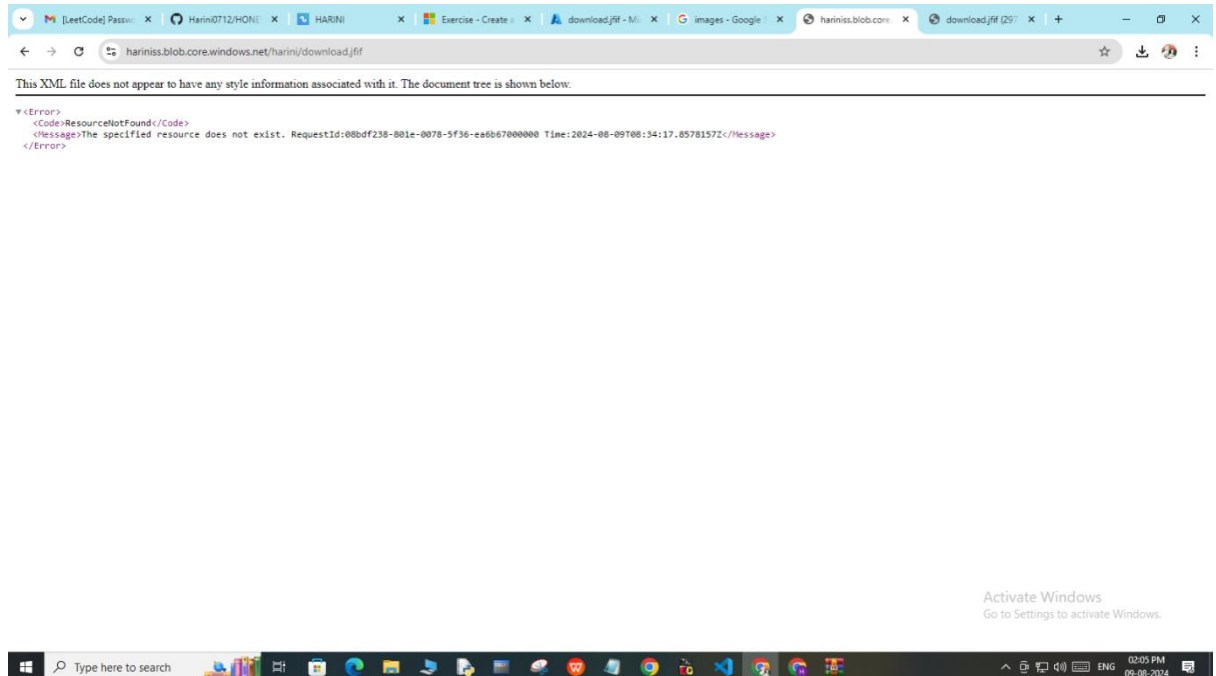
Microsoft Azure portal interface showing the "harinis_1723201738425 | Overview" page. The page displays the deployment status as "Your deployment is complete". The deployment details include the deployment name "harinis_1723201738425", the subscription "Concierge Subscription", and the resource group "learn-074b81c7-f24c-4c08-8594-d2469622dfaf". The start time is "9/8/2024, 4:39:23 pm" and the correlation ID is "84e35bf9-e1b7-4512-b01f-cb3be3dbc575". The page also includes a "Go to resource" button and a "Give feedback" link. On the right side, there are links for "Cost Management", "Microsoft Defender for Cloud", "Free Microsoft tutorials", and "Work with an expert".

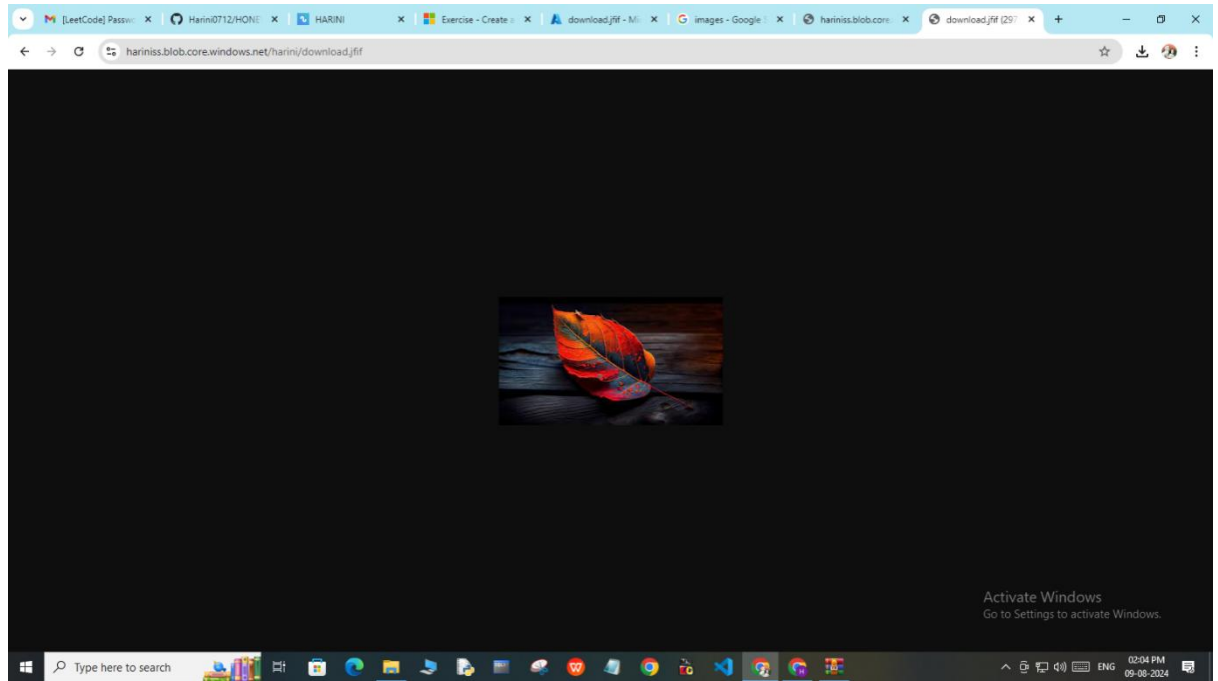


URL PATH OF IMAGE :

<https://hariniss.blob.core.windows.net/harini/download.jfif>

OUTPUT :





STATIC WEB PAGE :

Deploying a Static Web Page on Azure

Using Azure Static Web App:

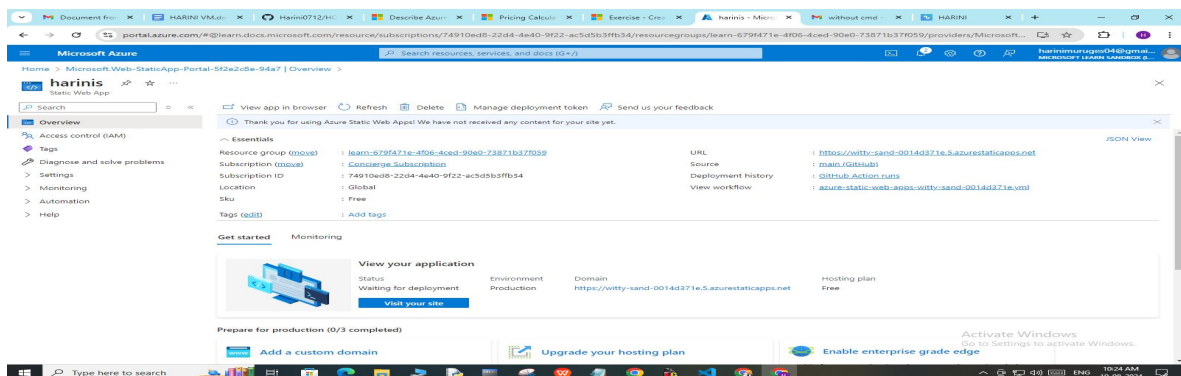
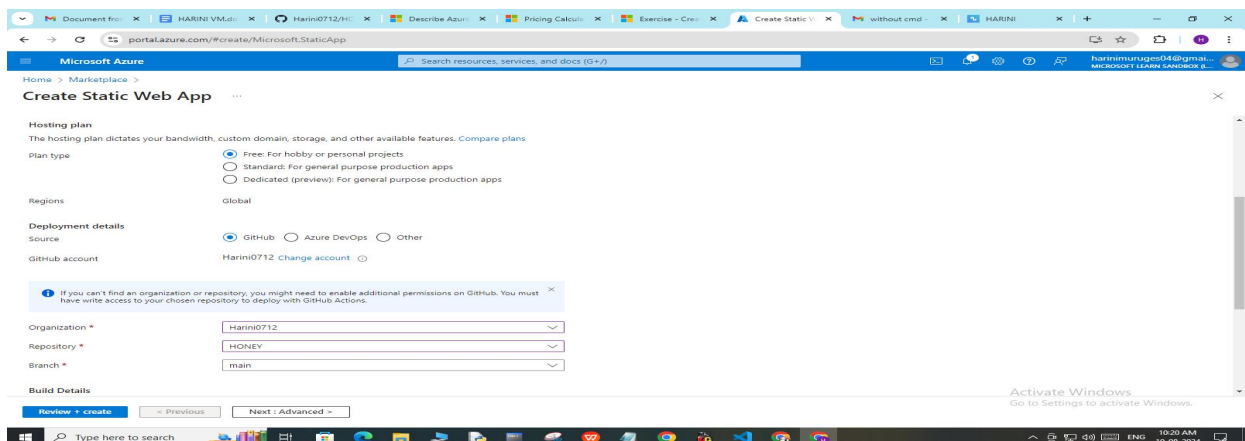
Prepare Your Site: Develop your static site and push it to a GitHub repository.

Set Up Azure Static Web Apps:

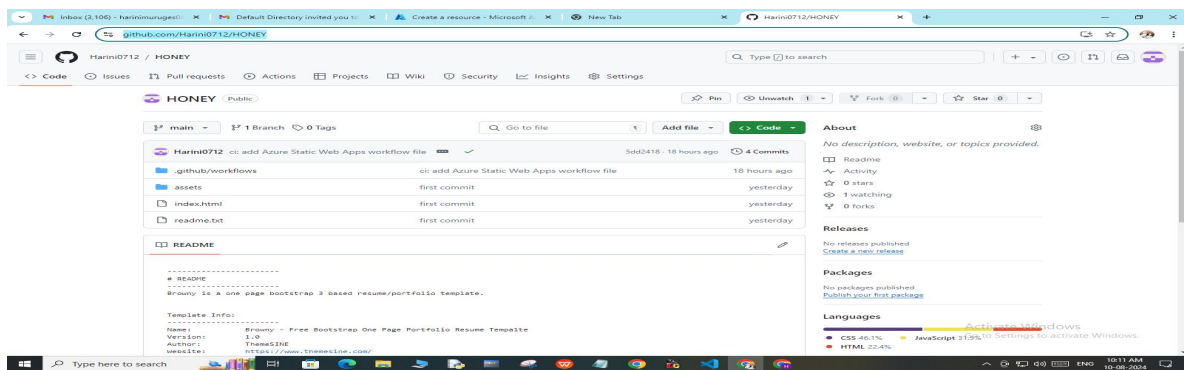
1. Sign in to [Azure Portal](#).
2. Click **Create a resource** > **Static Web Apps**.
3. Connect to your GitHub repo and branch.

Deploy and Access:

1. Azure deploys your site automatically.
2. Access it via the provided URL.



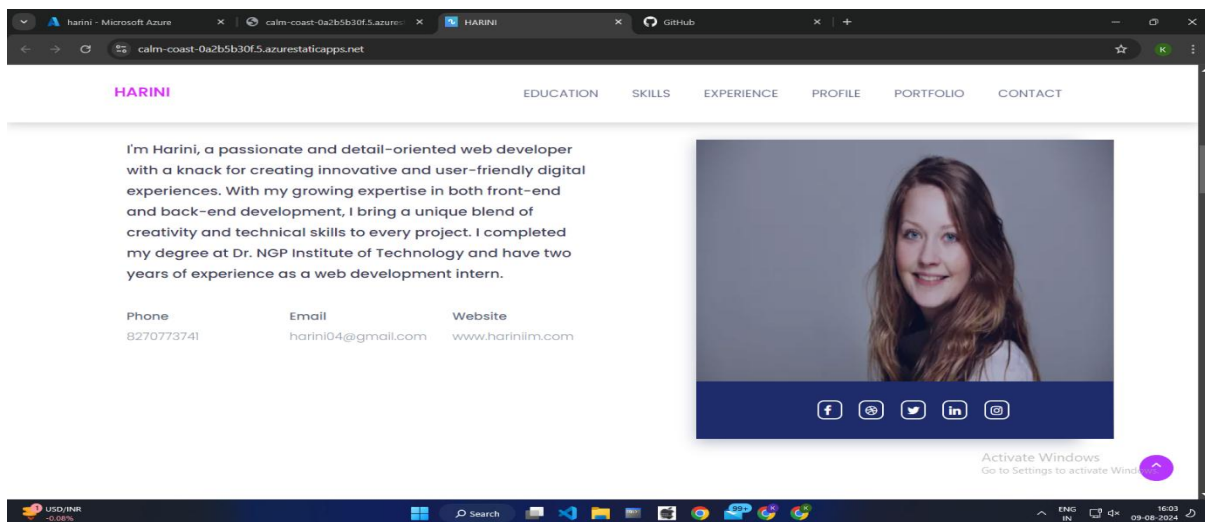
Access Your GitHub Pages Site :

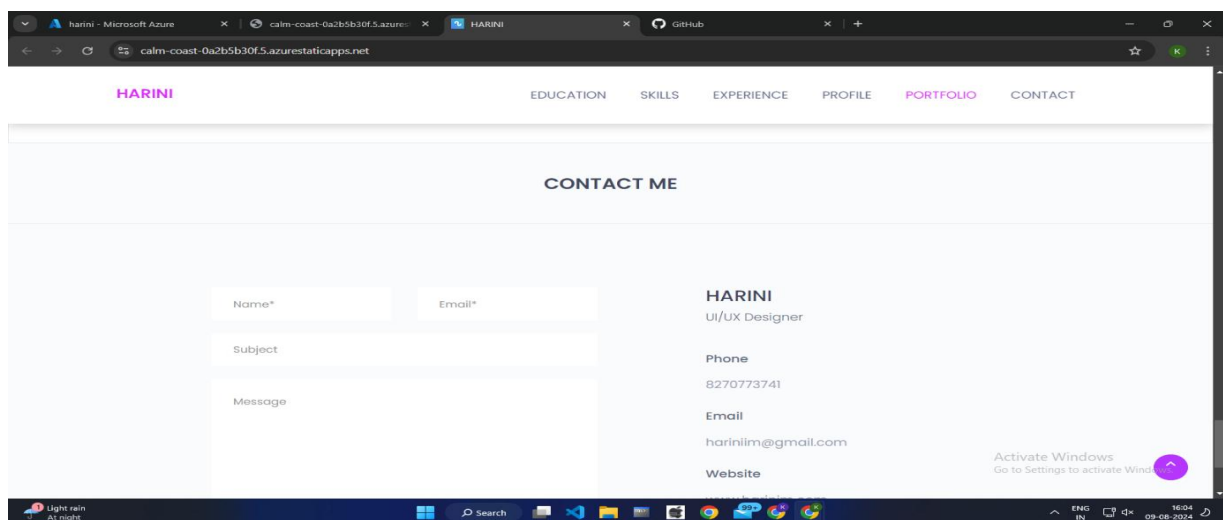
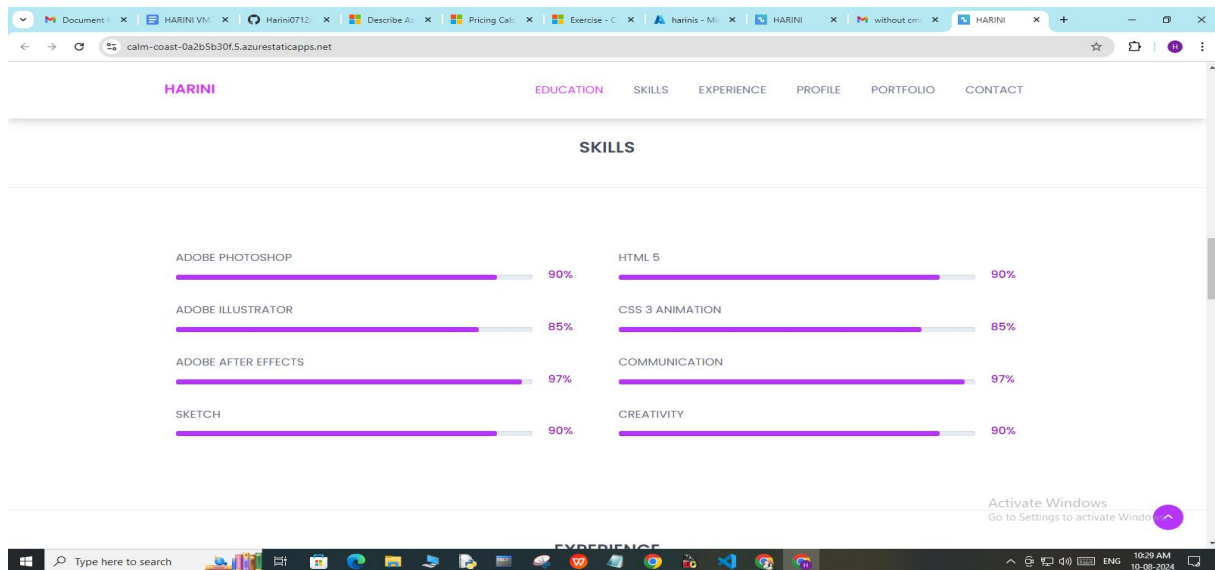


Visit Your Site:

Open a web browser and navigate to <https://github.com/Harini0712/HONEY> You should see your static web page displayed.

OUTPUT :





CREATION OF LOCK IN STORAGE ACCOUNT :

To create a lock on a storage account in Azure:

1. **Go to the Azure Portal:** Sign in at portal.azure.com.
2. **Find Your Storage Account:** Navigate to Storage accounts and select your account.
3. **Add a Lock:**
 1. Go to Settings > Locks.
 2. Click + Add, choose ReadOnly or Delete, name the lock, and click OK.

This prevents accidental deletion or modification of your storage account.

deepthi493 | Locks
☆ ...

Storage account

»
«

+ Add
🔗 Resource group
🔗 Subscription
🔄 Refresh
🗨 Feedback

Data storage

Containers
 File shares
 Queues
 Tables

Lock name

Lock type

Scope

Notes

DSD

Read-only

deepthi493

✎ Edit
🗑 Delete

After creating a lock :

deepthids
...

Container

»
«

📁 Upload
🔗 Change access level
🔄 Refresh
🗑 Delete
🔄 Change tier
🔗 Acquire lease
🔗 Break lease
📷 View snapshots
📷 Create snapshot
🗨 Give feedback

Overview

Diagnose and solve problems
 Access Control (IAM)
 Settings

You do not have permissions to use the access key to list data. Click to learn more about authenticating with Azure Storage.
 The scope /subscriptions/50e35468-ea36-48bd-8995-01854584a19/resourceGroups/deepthi/providers/Microsoft.Storage/storageAccounts/deepthi493 cannot perform write operation because following scope(s) are locked: /subscriptions/50e35468-ea36-48bd-8995-01854584a19/resourceGroups/deepthi/providers/Microsoft.Storage/storageAccounts/deepthi493. Please remove the lock and try again.

Authentication method: Access key ([Switch to Microsoft Entra user account](#))
 Location:

🔍 Show deleted blobs

+ Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
No results						