MICROSOFT AZURE

NAME : REVANTH KUMAR S

DEPARTMENT: CSBS
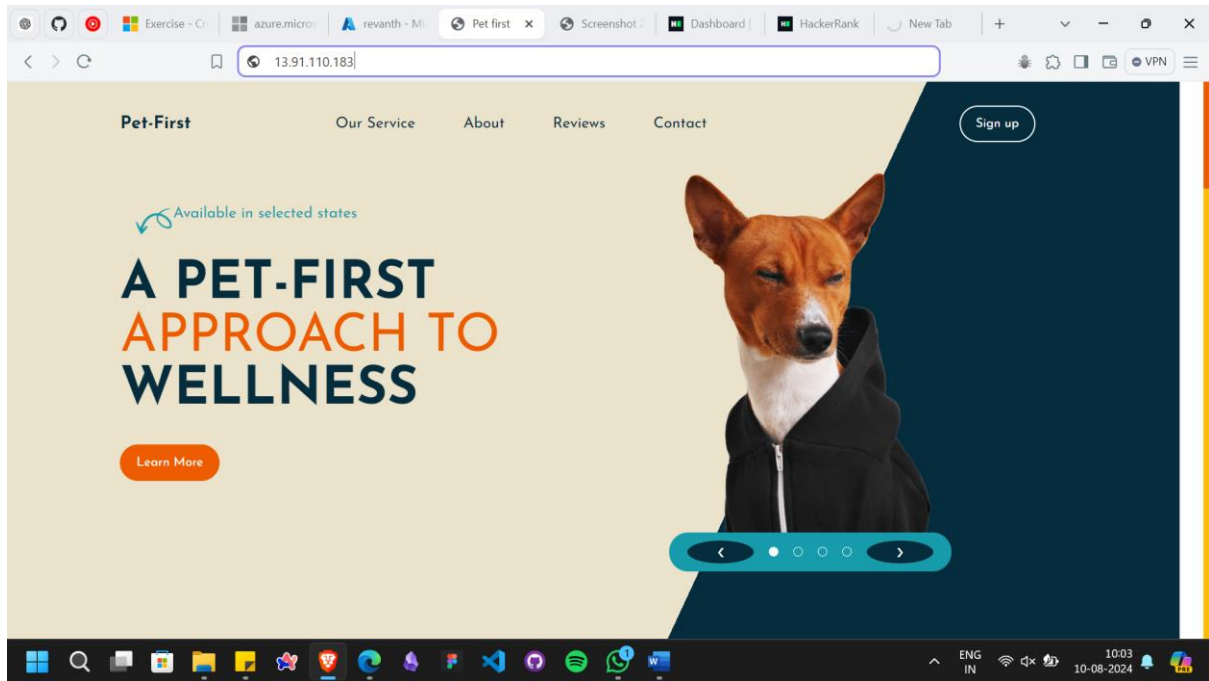
GITHUB: *https://github.com/revanth-004/azure*

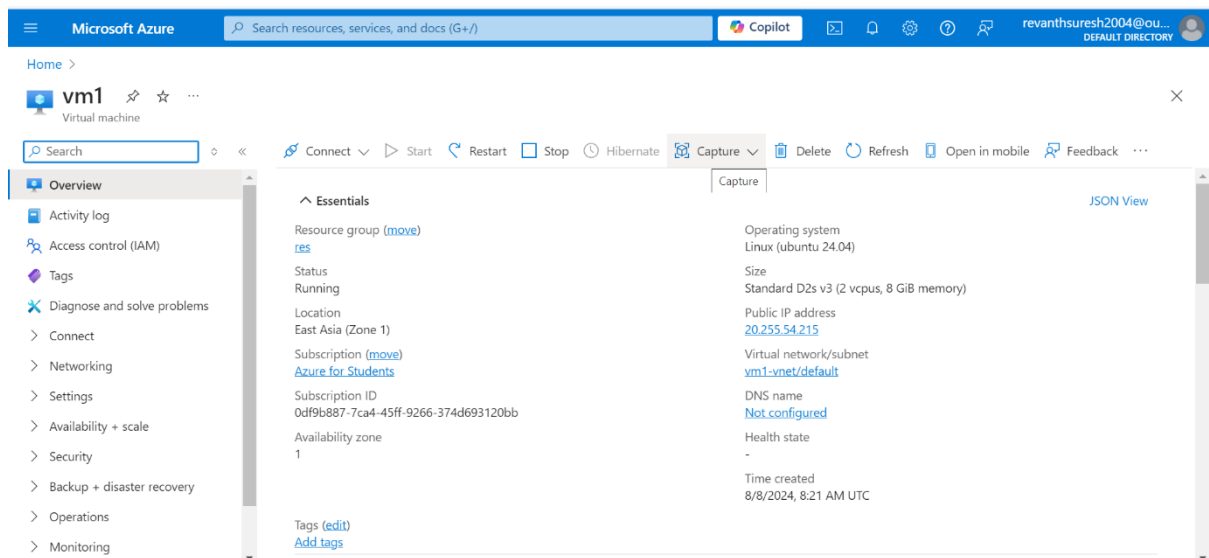## REQUESTING A CLOUD SHELL SUCCEEDED. CONNECTING TERMINAL...

SANDBOX

- az vm create --resource-group "learn-1dd151f8-37c6-44cc-a975-8f08e65c30c2" --name my-vm --public-ip-sku Standard --image Ubuntu2204 --admin-username azureuser --generate-ssh-keys

- az vm extension set --resource-group "learn-1dd151f8-37c6-44cc-a975-8f08e65c30c2" --vm-name my-vm --name customScript --publisher Microsoft.Azure.Extensions --version 2.1 --settings '{"fileUris":["https://raw.githubusercontent.com/MicrosoftDocs/mslearn-welcome-to-azure/master/configure-nginx.sh"]}' --protected-settings '{"commandToExecute": "./configure-nginx.sh"}'

- sudo apt-get update

- ssh azureuser@ 13.91.110.183

- echo "sudo apt-get update -y

- sudo apt-get install nginx -y
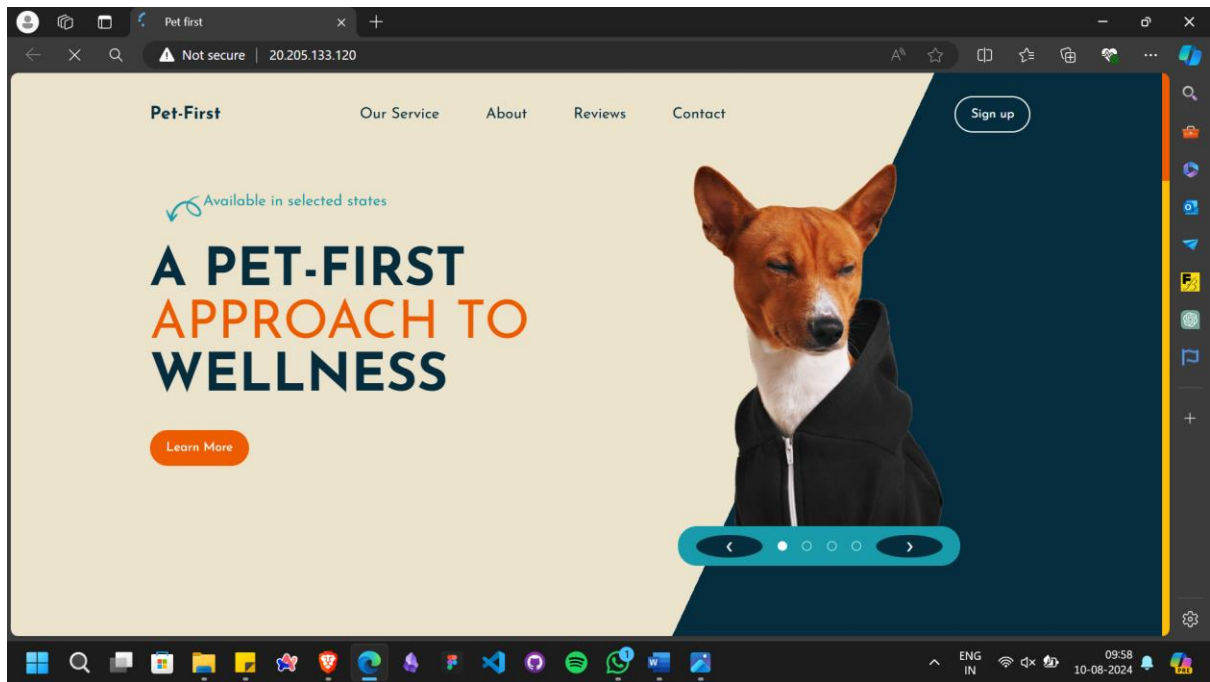
- sudo systemctl start nginx

- sudo systemctl enable nginx" > setup_nginx.sh

- chmod +x setup_nginx.sh

- ./setup_nginx.sh

- echo "<html><body><h2>Welcome to Azure! My name is $(hostname).</h2></body></html>" | sudo tee -a /var/www/html/index.html

- sudo systemctl status nginx

- az vm open-port --resource-group "learn-1dd151f8-37c6-44cc-a975-8f08e65c30c2" --name my-vm --port 80

- az vm list-ip-addresses --resource-group "learn-1dd151f8-37c6-44cc-a975-8f08e65c30c2" --name my-vm --output table

- ssh azureuser@ 13.91.110.183

- sudo apt-get update

- git clone https://github.com/revanth-004/pet-first.git

- sudo cp -r html/* /var/www/html/

- sudo chown -R www-data:www-data /var/www/html

- sudo chmod -R 755 /var/www/html
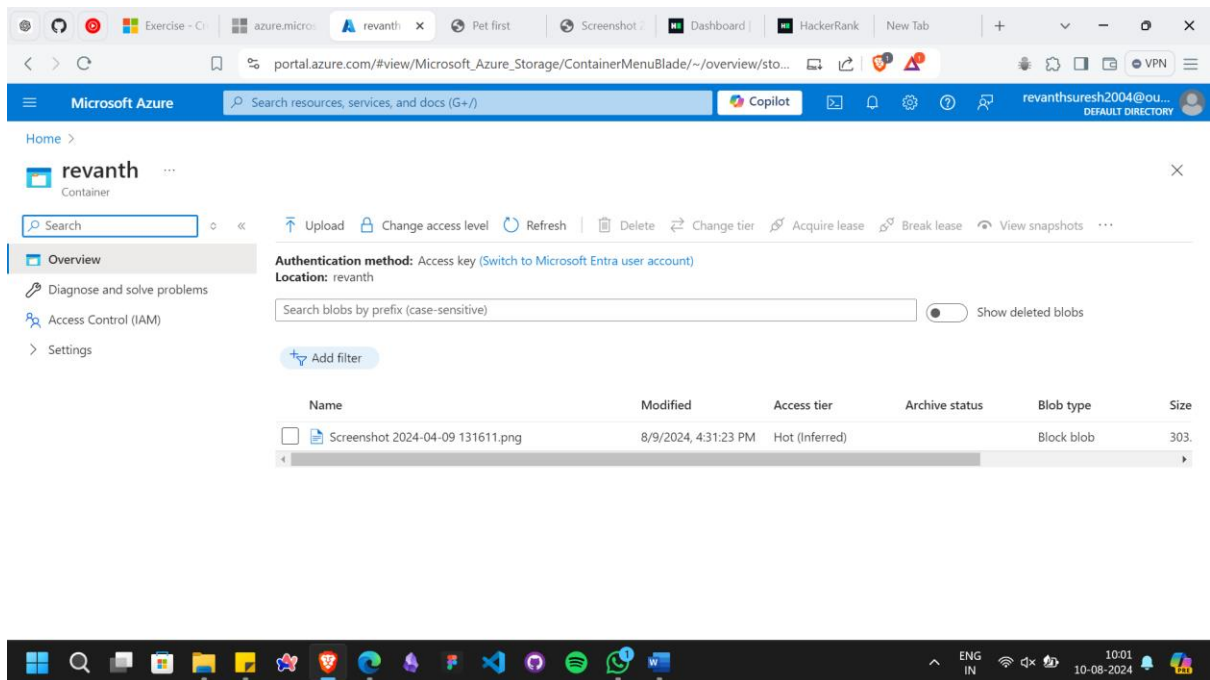
- sudo systemctl restart nginx

SANDBOX

VIRTUAL MACHINE

BLOB

COST CALCULATOR

	A	B	C	D	E	F	G
1	Microsoft Azure Estimate						
2	Your Estimate						
3	Service category	Service type	Custom name	Region	Description	Estimated monthly cost	Estimated upfront cost
4	Compute	Virtual Machines		West US	2 D2 v3 (2 vCPUs, 8 GB RAM) x 730 Hours (Pay as you go), Windows (License included), OS Only; 0 managed disks – S4; Inter Region transfer type, 5 GB outbound data transfer from West US to East Asia	$305.14	$0.00
5	Networking	Application Gateway		West US	Web Application Firewall tier, Medium Instance size: 2 Gateway hours instance(s) x 730 Hours, 1 TB Data processed unit(s), 5 GB Zone unit(s)	$206.04	$0.00
6	Databases	Azure SQL Database		West US	Single Database, vCore, General Purpose, Provisioned, Standard-series (Gen 5), Primary or Geo replica Disaster Recovery, Locally Redundant, 1 - 2 vCore Database(s) x 730 Hours, 32 GB Storage, SQL License (Pay as you go), RA-GRS Backup Storage Redundancy, 0 GB Point-In-Time Restore, 0 x 5 GB Long Term Retention	$396.15	$0.00
7	Support			Support		$0.00	$0.00
8				Licensing Program	Microsoft Customer Agreement (MCA)		
9				Billing Account			
10				Billing Profile			
11				Total		$907.33	$0.00
12							
13	Disclaimer						
14	All prices shown are in United States – Dollar ($) USD. This is a summary estimate, not a quote. For up to date pricing information please visit https://azure.microsoft.com/pricing/calculator/						
15	This estimate was created at 8/9/2024 11:18:50 AM UTC.						
16							