REPORT ON

MICROSOFT AZURE FUNDAMENTALS

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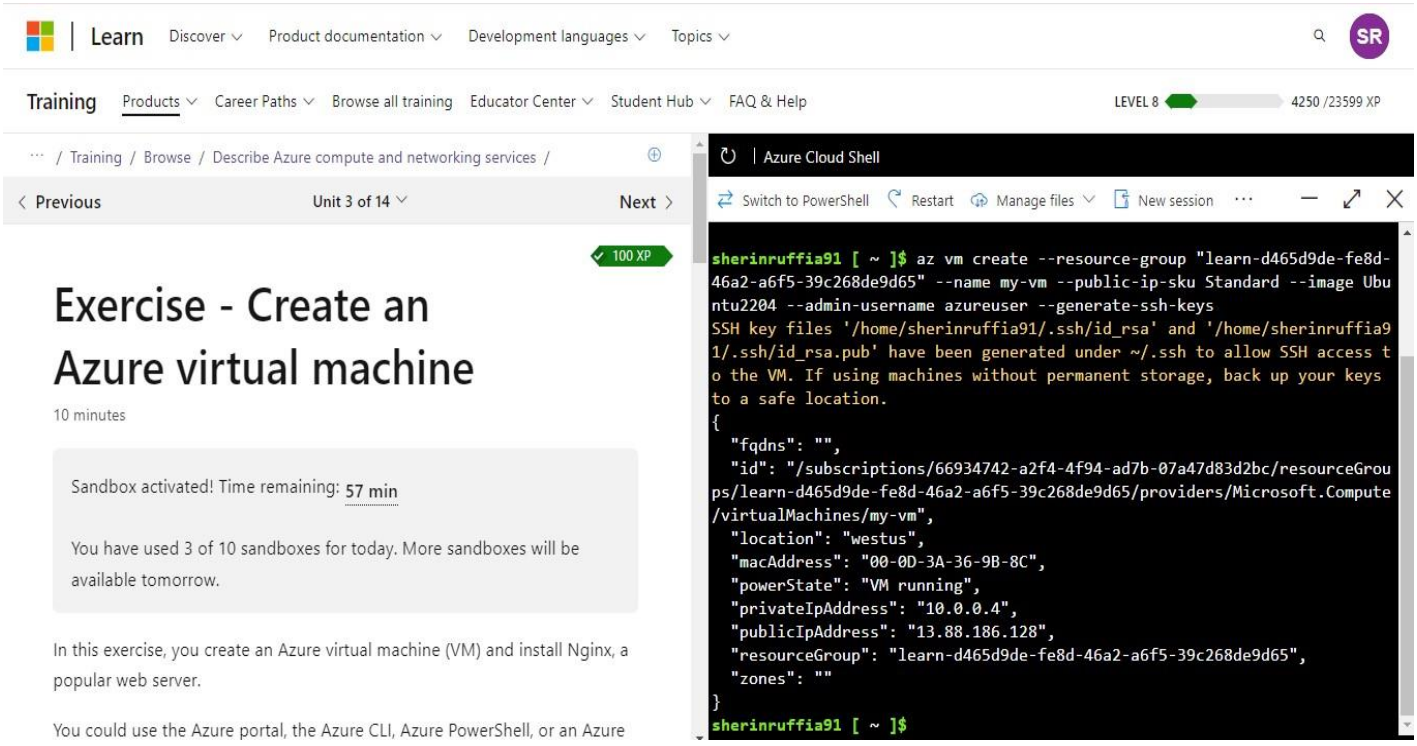
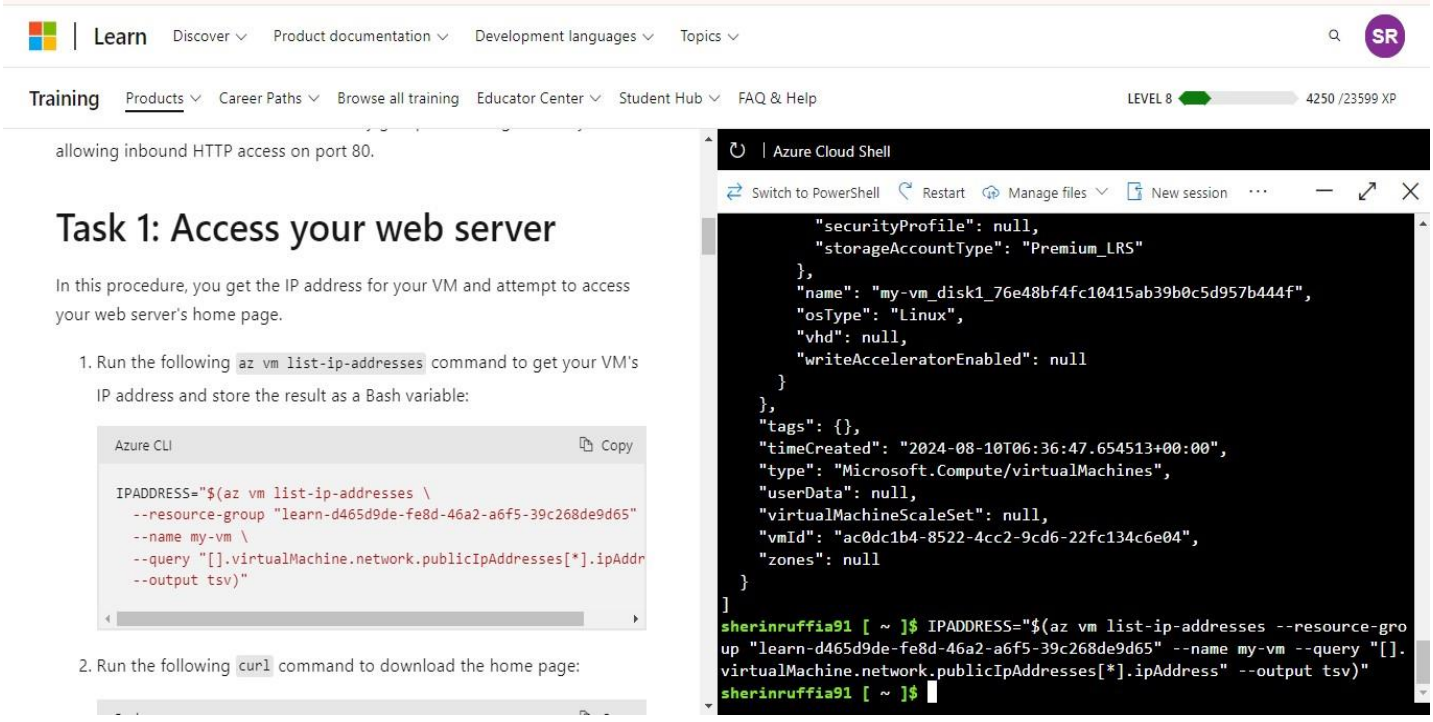
Register No	710722104095
Department	III B.E CSE
Date	10.08.2024

1) Sandbox:

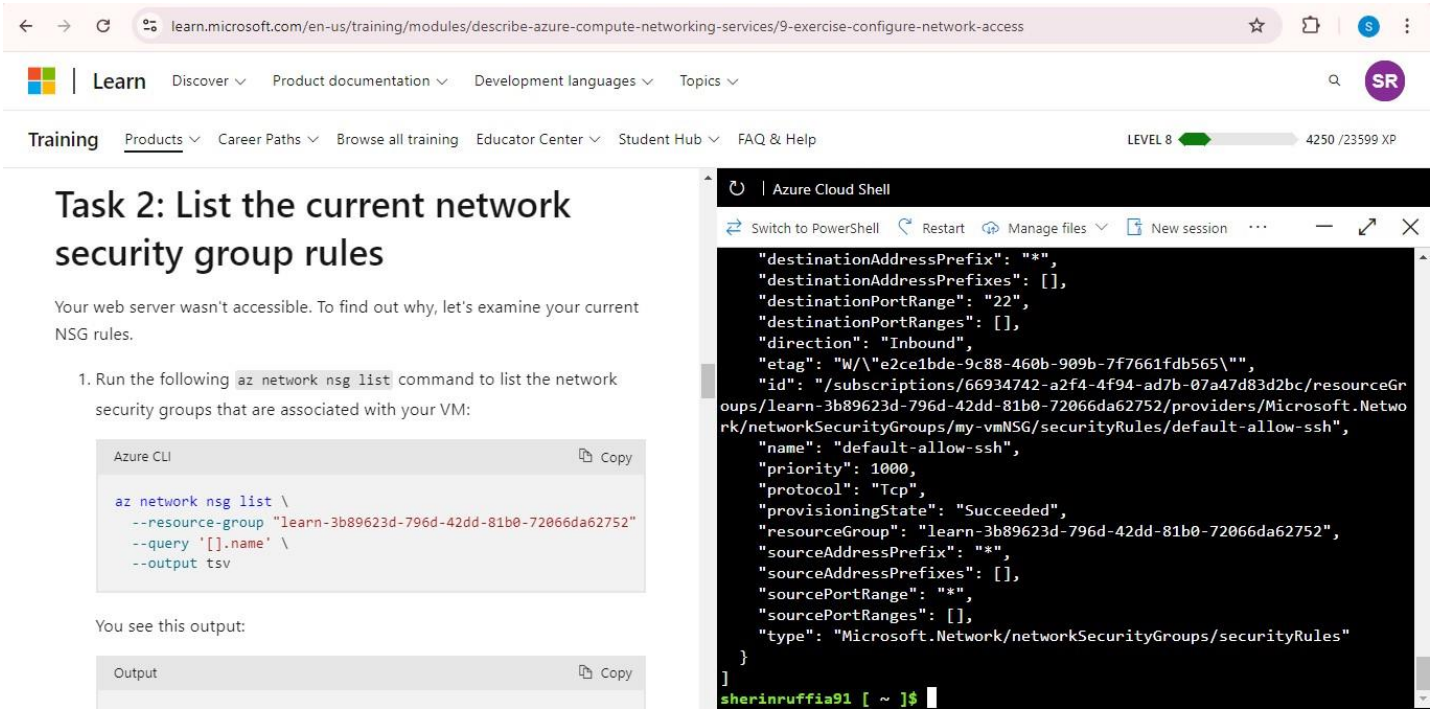
Create a Linux virtual machine and install Nginx



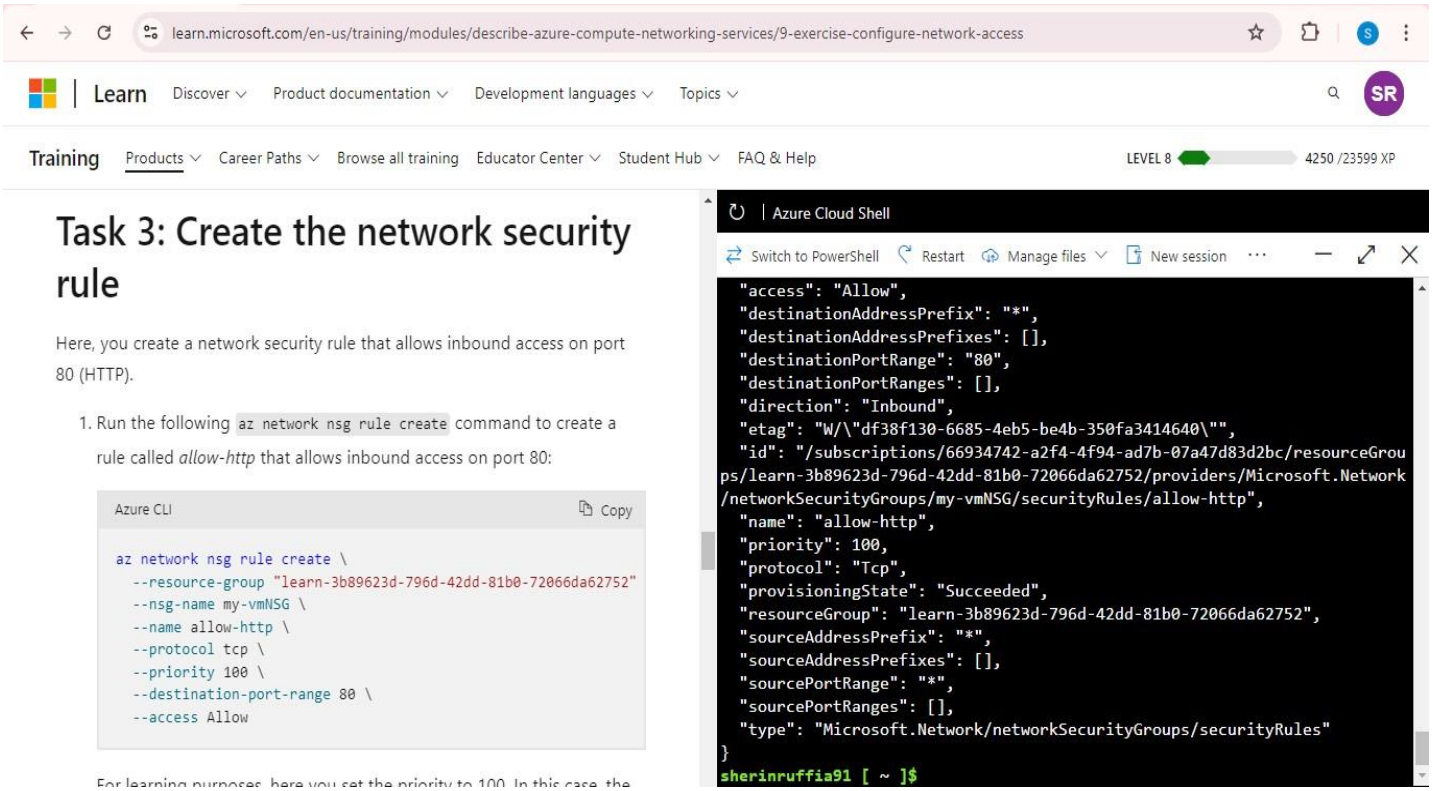
Access your web server



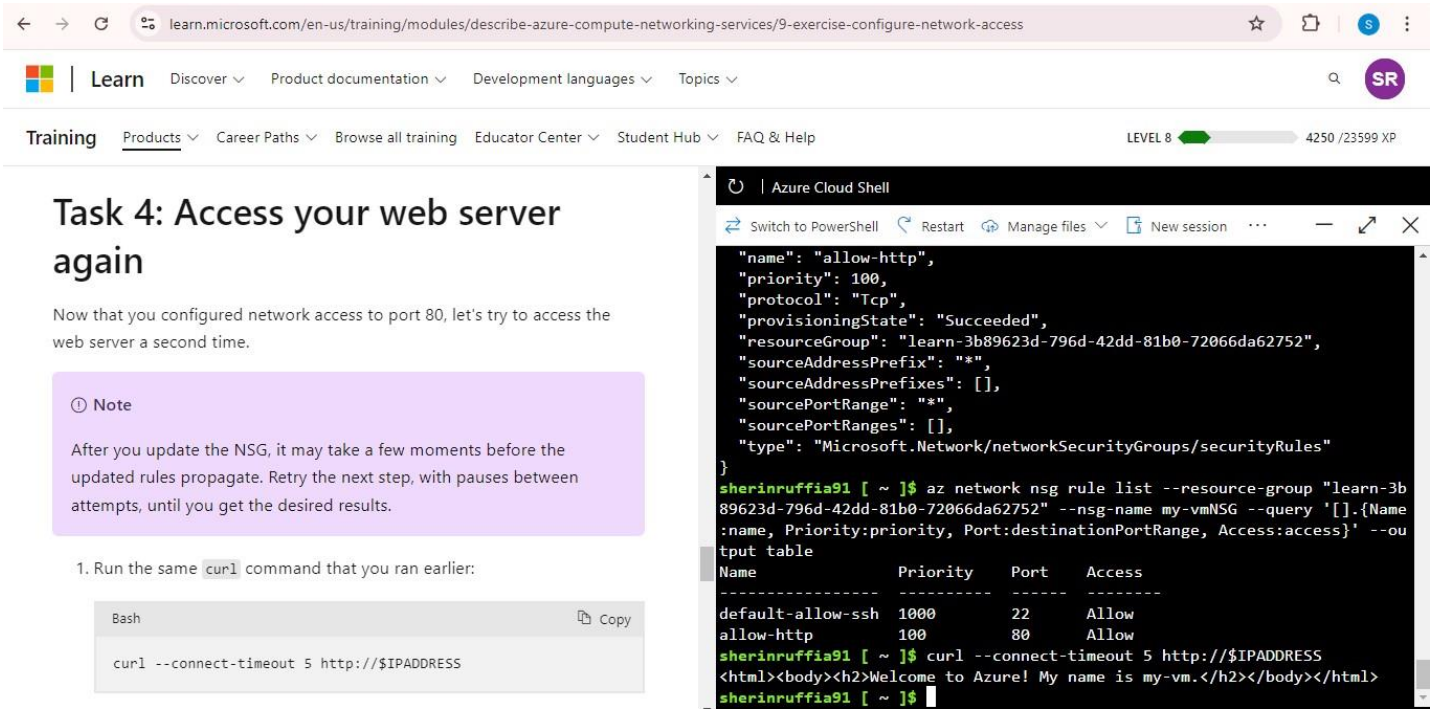
List the current network security group rules



Create the network security rule



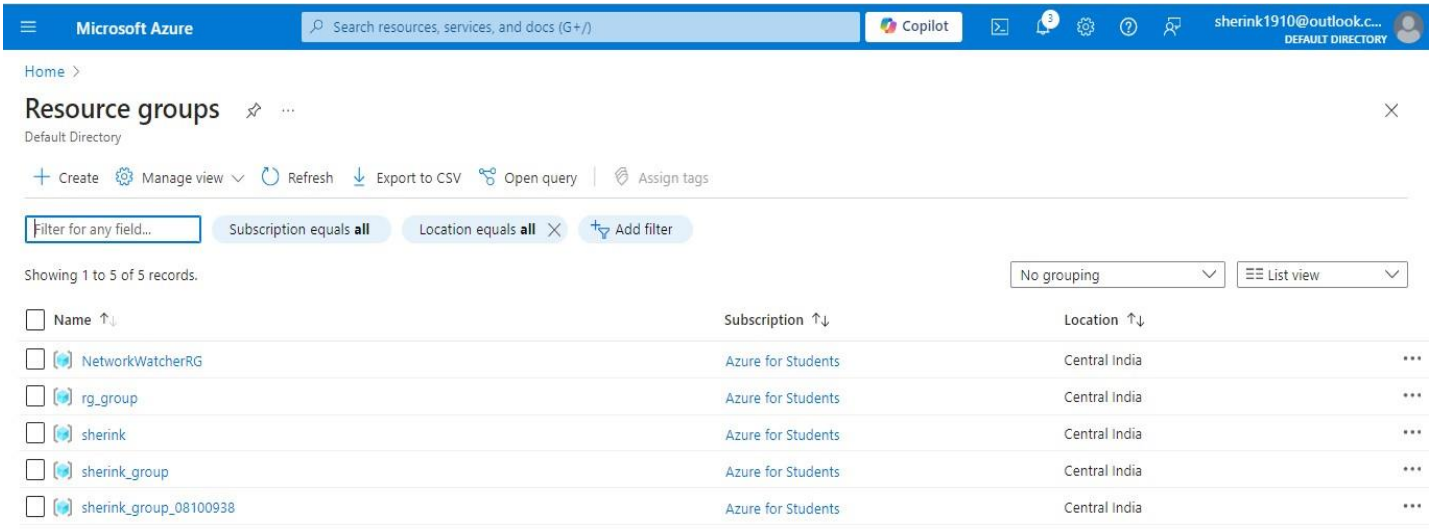
Access your web server again



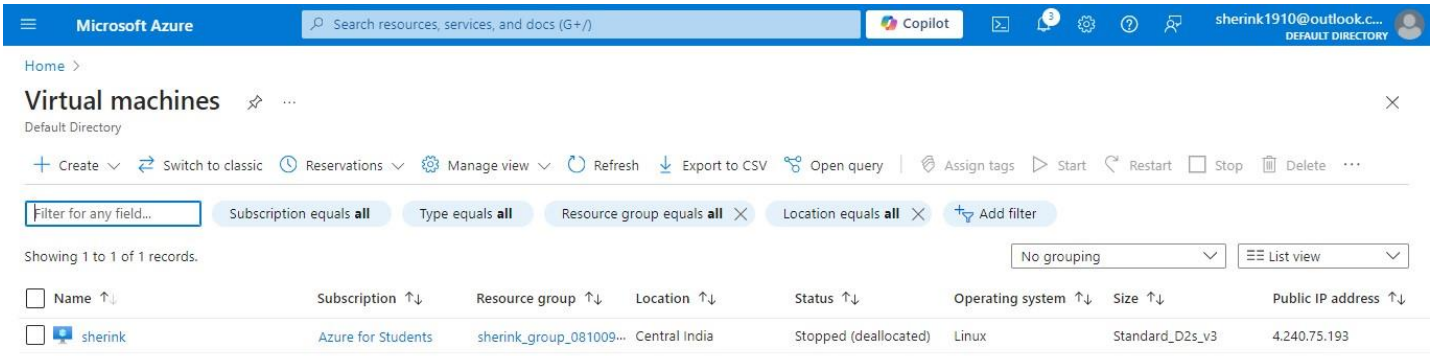
Final output:

2) Azure Academic Services: Azure for Students

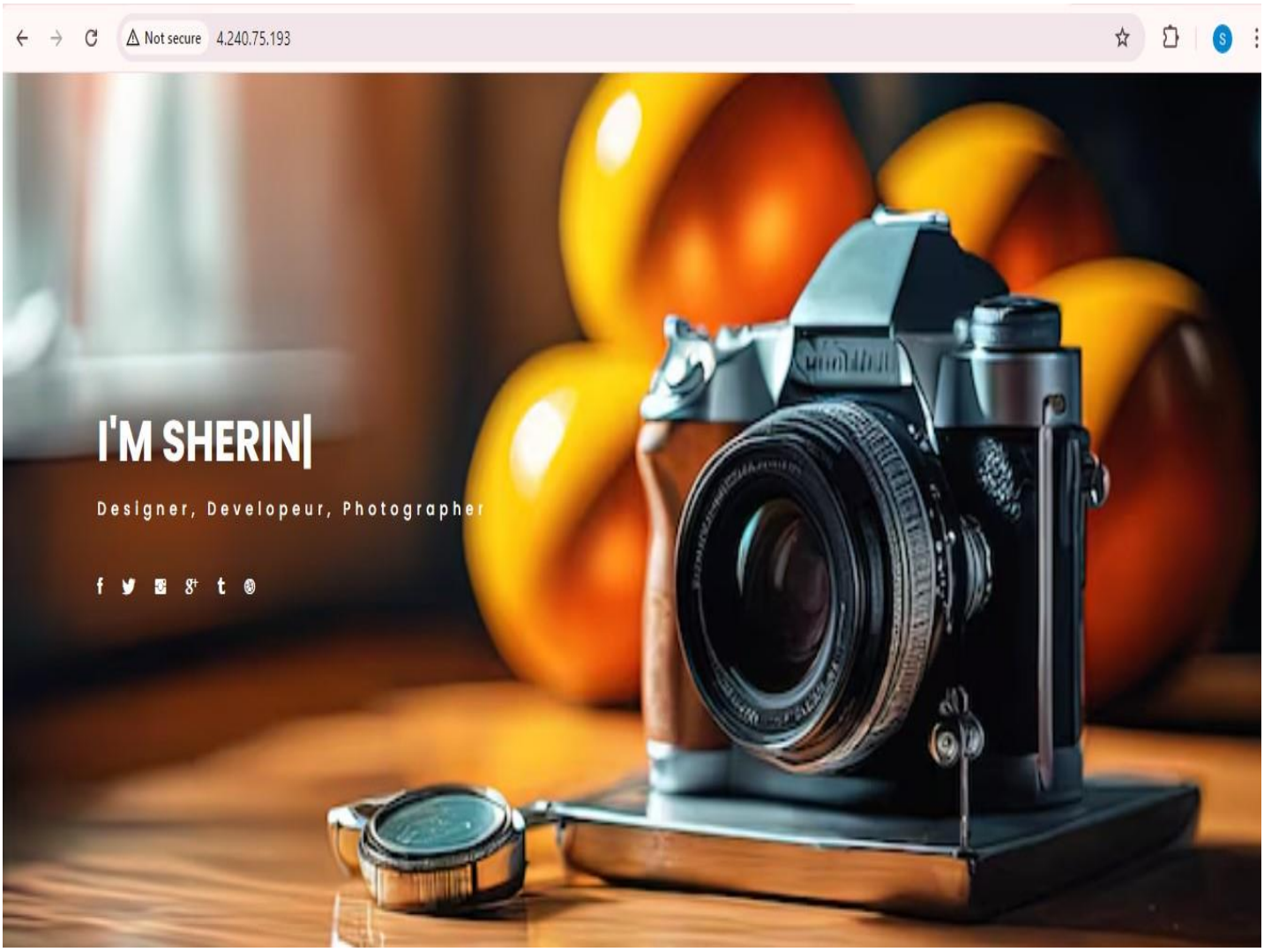
Creation of resource groups



Creation of Virtual Machine



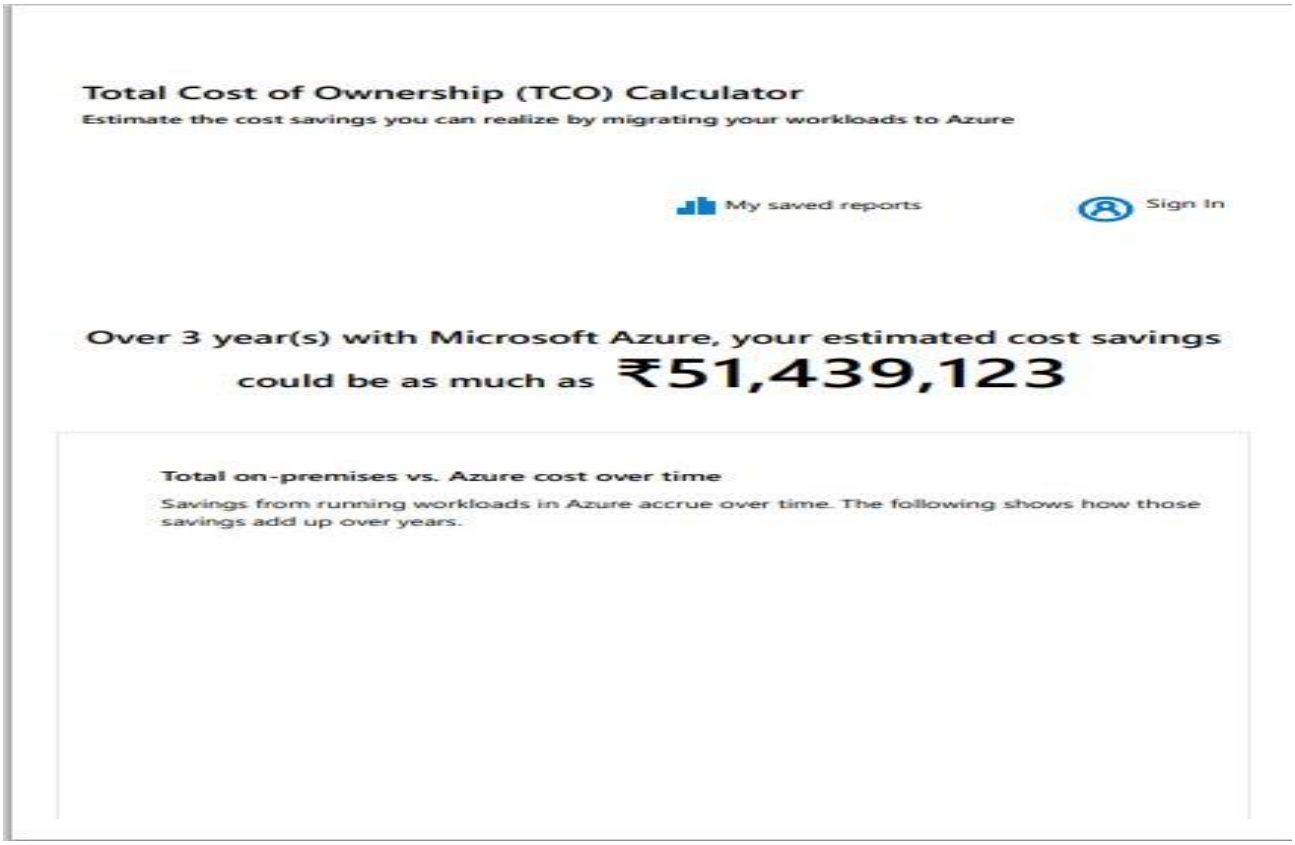
Hosting my portfolio using Azure Cloud Services



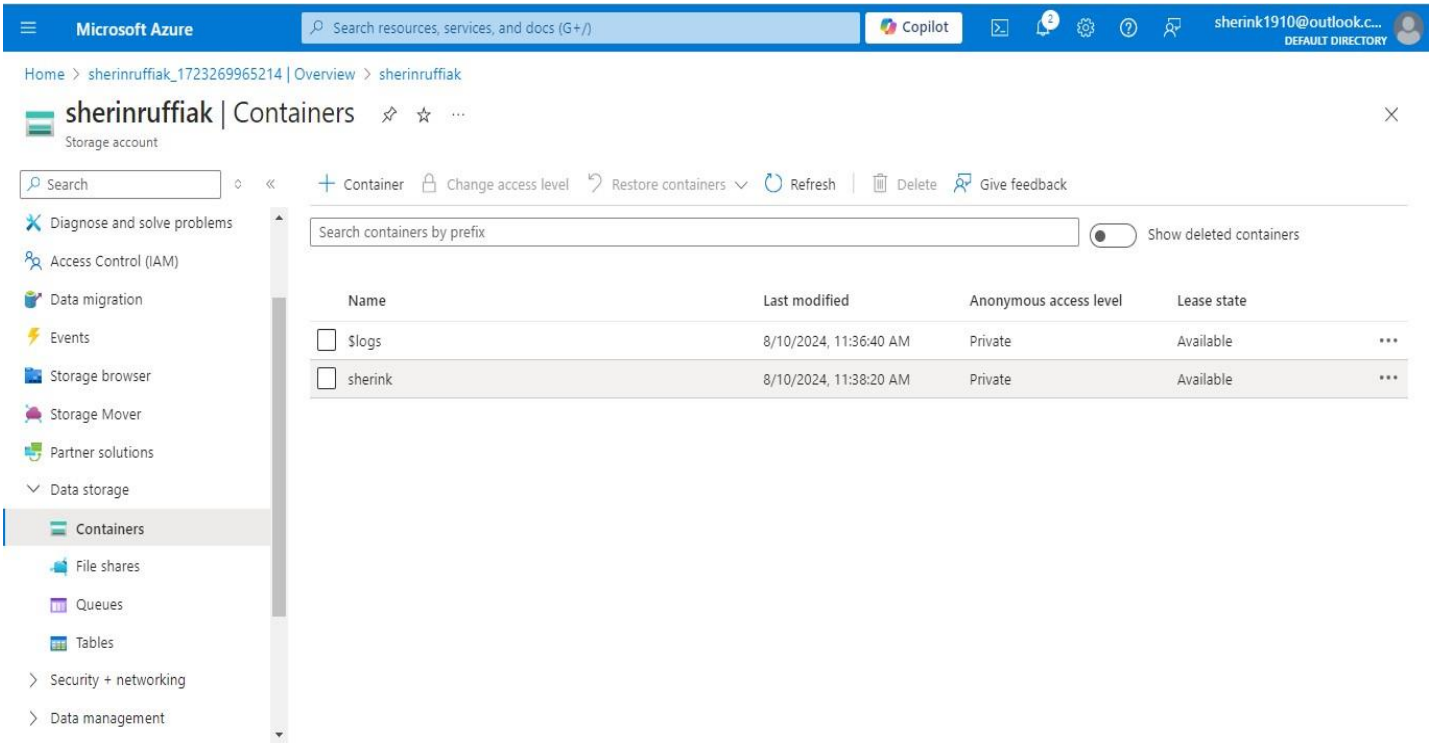
Pricing calculator

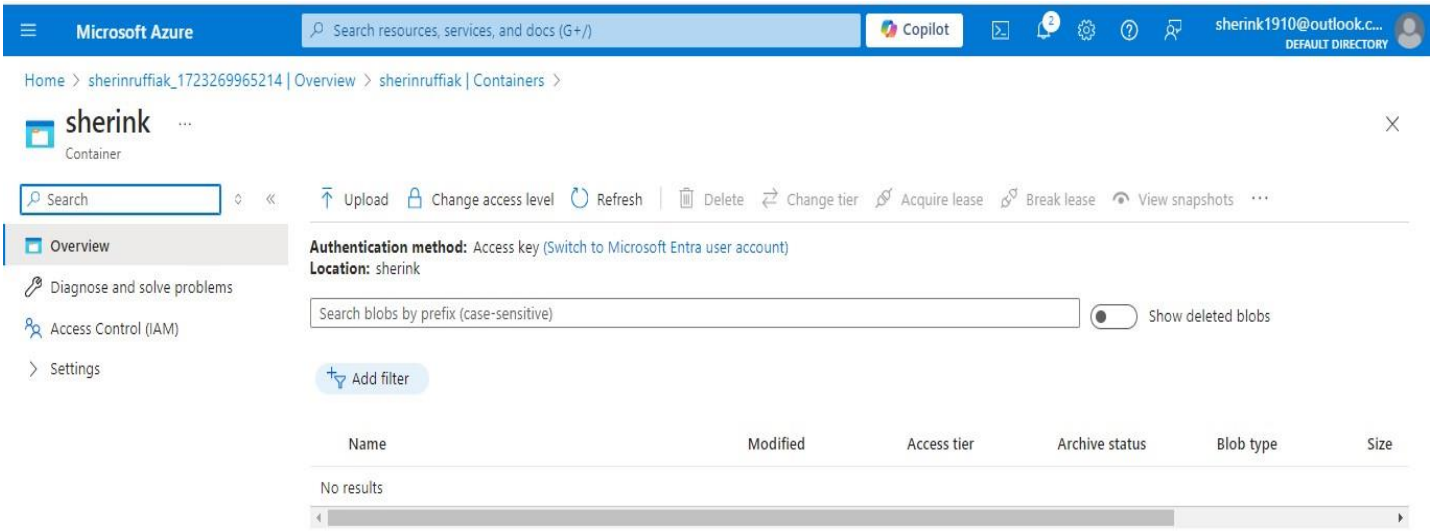
	A	B	C	D	E	F	G
1	Microsoft Azure Estimate-SHERIN RUFFIA K						
2	Your Estimate						
3	**Service category**	**Service type**	**Custom name**	**Region**	**Description**	**Estimated monthly cost**	**Estimated upfront cost**
4	Compute	Virtual Machines		West US	2 D2 v3 (2 vCPUs, 8 GB RAM) x 730 Hours (Pay 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	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 East US to East Asia	$274.48	$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 - 8 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	$1,567.39	$0.00
7	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
8	Support			**Support**		$0.00	$0.00
9				**Licensing Program**	**Microsoft Customer Agreement (MCA)**		
10				**Billing Account**			
11				**Billing Profile**			
12				**Total**		**$2,353.04**	**$0.00**
13							
14	**Disclaimer**						
15	*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/*						
16	*This estimate was created at 8/9/2024 3:58:33 AM UTC.*						

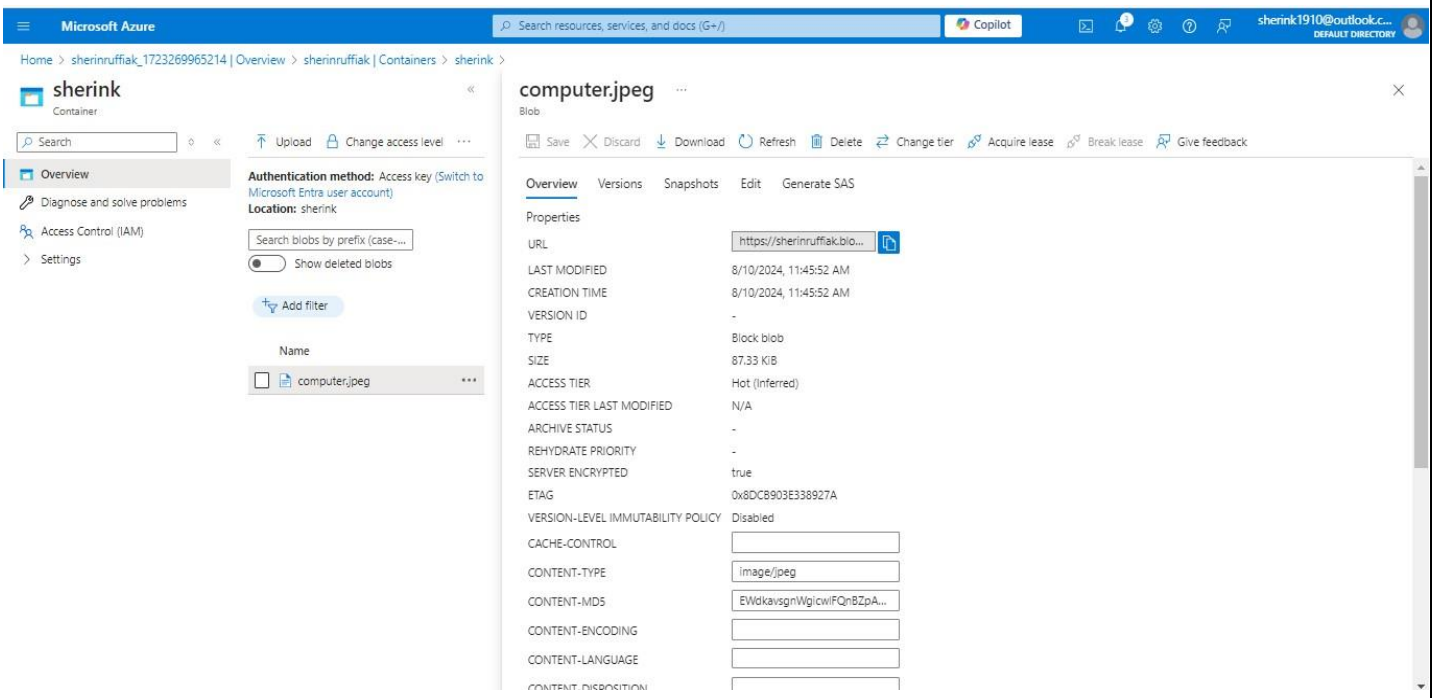
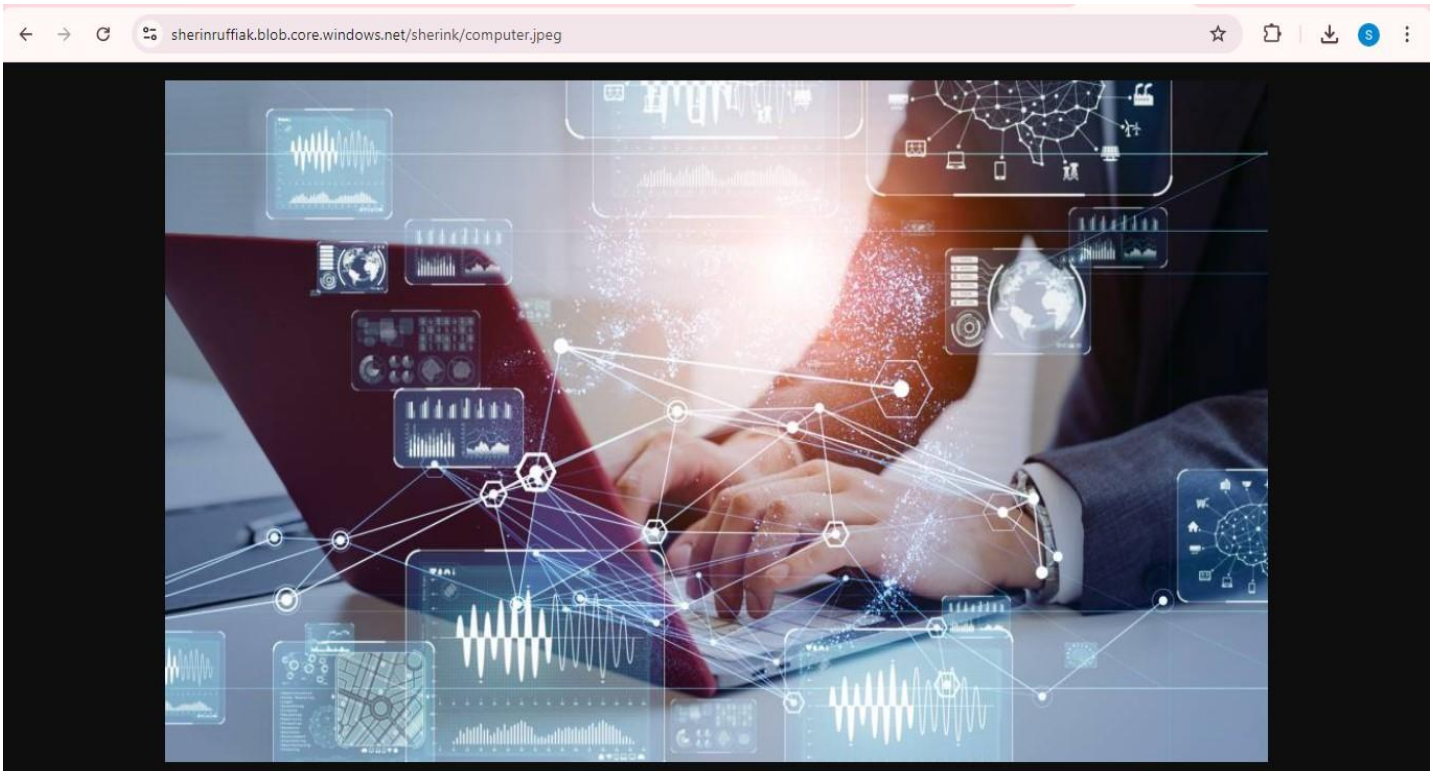
Total Cost of Ownership (TCO) Calculator



Creation of container







Final output: