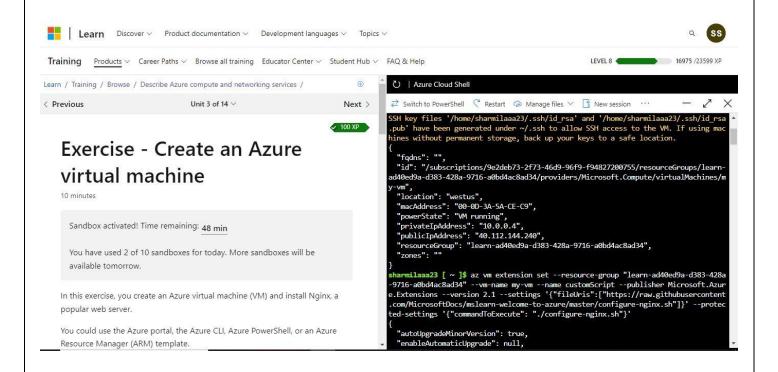
REPORT ON MICROSOFT AZURE FUNDAMENTALS

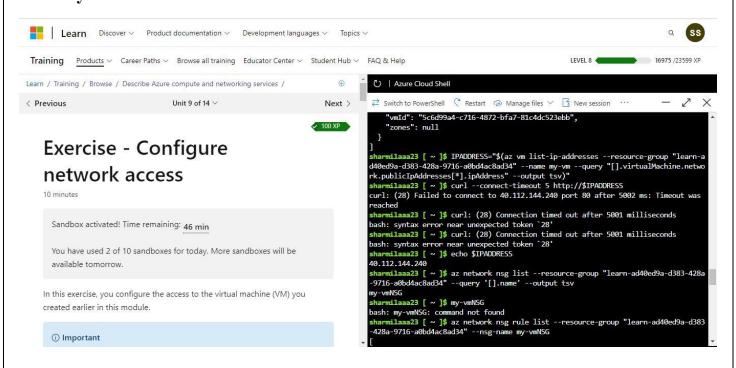
Name	Sarmila S
Register No	710722104093
Department	III B.E CSE
Date	10.08.2024

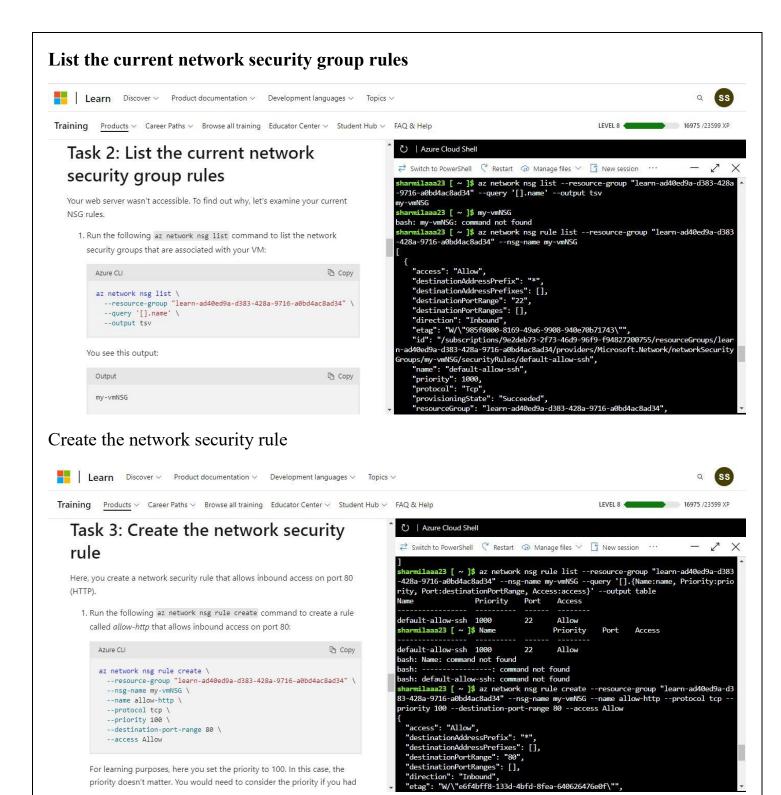
1)Sandbox:

Create a Linux virtual machine and install Nginx



Access your web server

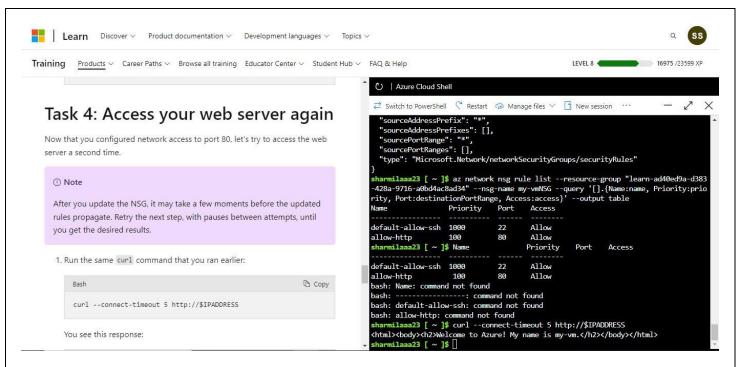




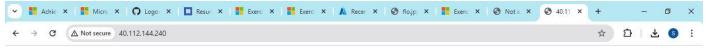
Access your web server again

For learning purposes, here you set the priority to 100. In this case, the priority doesn't matter. You would need to consider the priority if you had

--access Allow



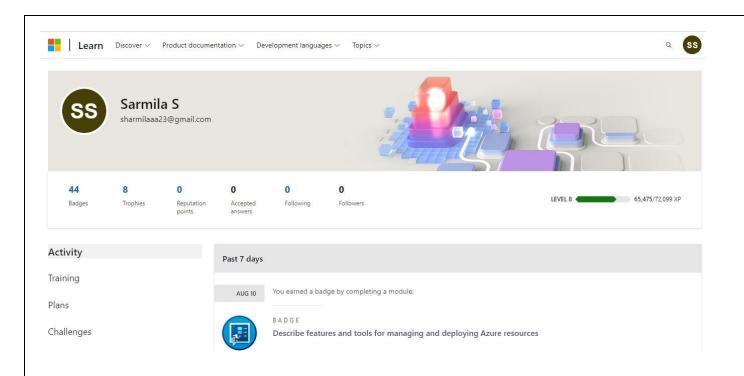
Final output:



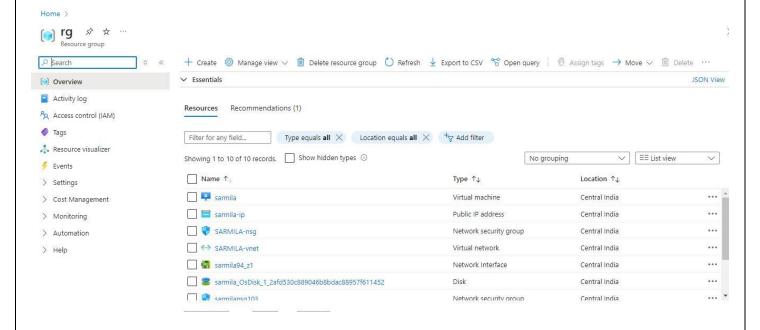
Welcome to Azure! My name is my-vm.

2) Azure Academic Services: Azure for Students

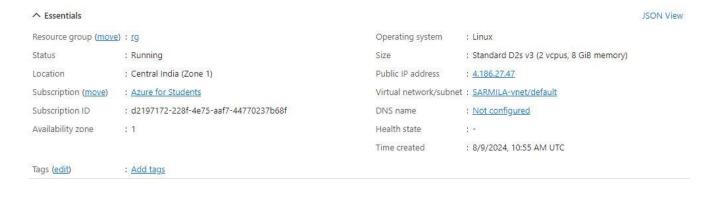
Microsoft profile

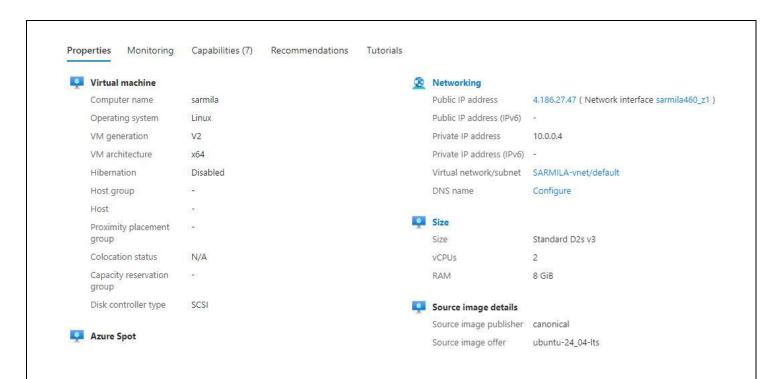


Creation of resource groups

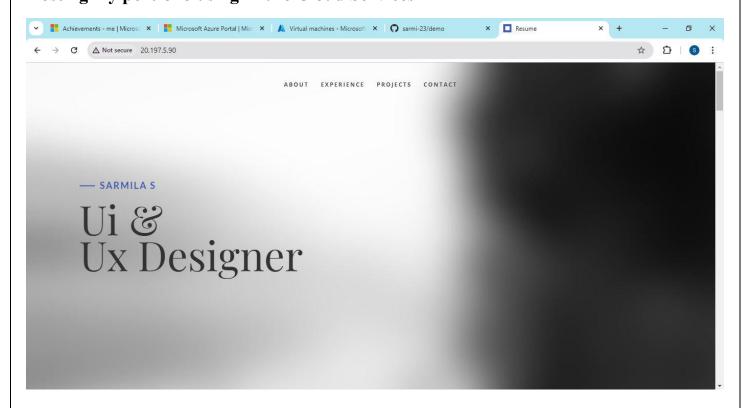


Creation of Virtual Machine





Hosting my portfolio using Azure Cloud Services



Pricing calculator

_	Microsoft Azure	Estimate					
2	Your Estimate						
3	Service category	Service type	Custom name	Region	Description	Estimated monthly cost	Estimated
4	Compute	Virtual Machines		West US	2 DC1s v3 (1 Core, 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	\$230.68	\$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 - 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		\$0.00
7	Support			Support		\$0.00	\$0.00
8	To savav			Licensing Program	Microsoft Customer Agreement (MCA)		
9				Billing Account			
10				Billing Profile			
11				Total		\$2,004.10	\$0.00
12							

Total Cost of Ownership (TCO) Calculator

On-premises cost breakdown summary		Azure cost breakdown summary		
Category	Cost	Category	Cos	
Compute	\$558,462.31	Compute	\$182,256.8	
Hardware Software	\$317,988.80 \$130,793.75	Data Center	\$0.0	
Electricity Virtualization	\$16,079.76 \$93,600.00	Networking	\$27,639.0	
Data Center		Storage	\$148,856.8	
Networking	\$131,898.33 \$245,226.77	IT Labor	\$29,650.5	
Storage	\$249,744.00			
IT Labor	\$29,845.50			
Total	\$1,215,177.00	Total	\$388,403.0	

Creation of container

