

Introduction to Cloud Computing

LAB 04

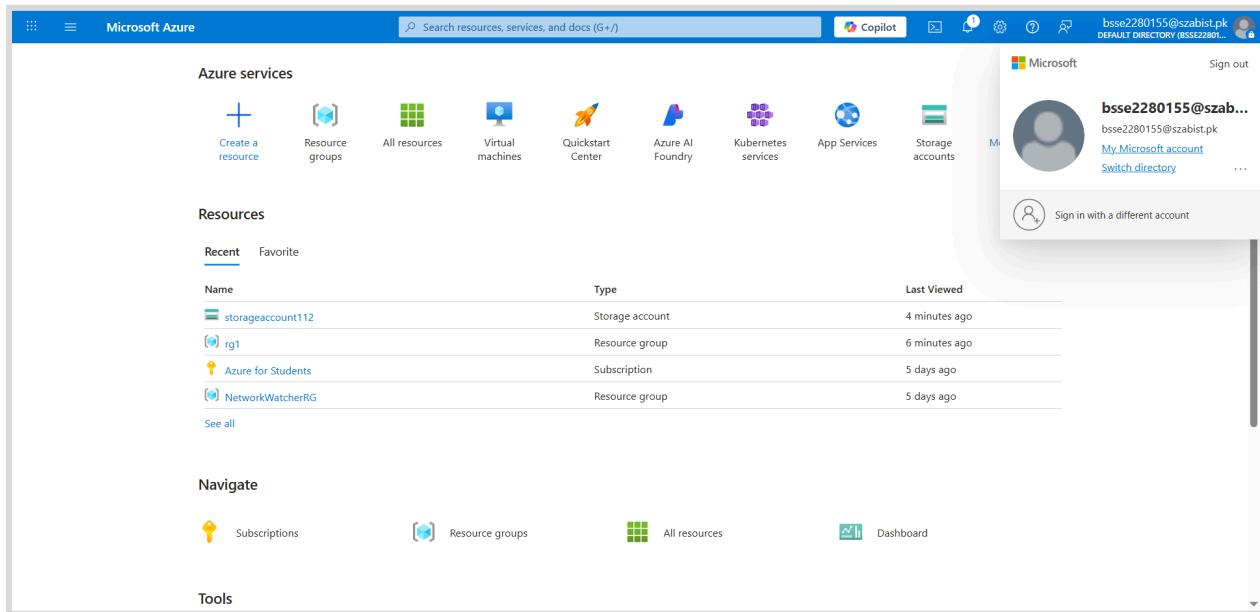
Name: Muhammad Yahya

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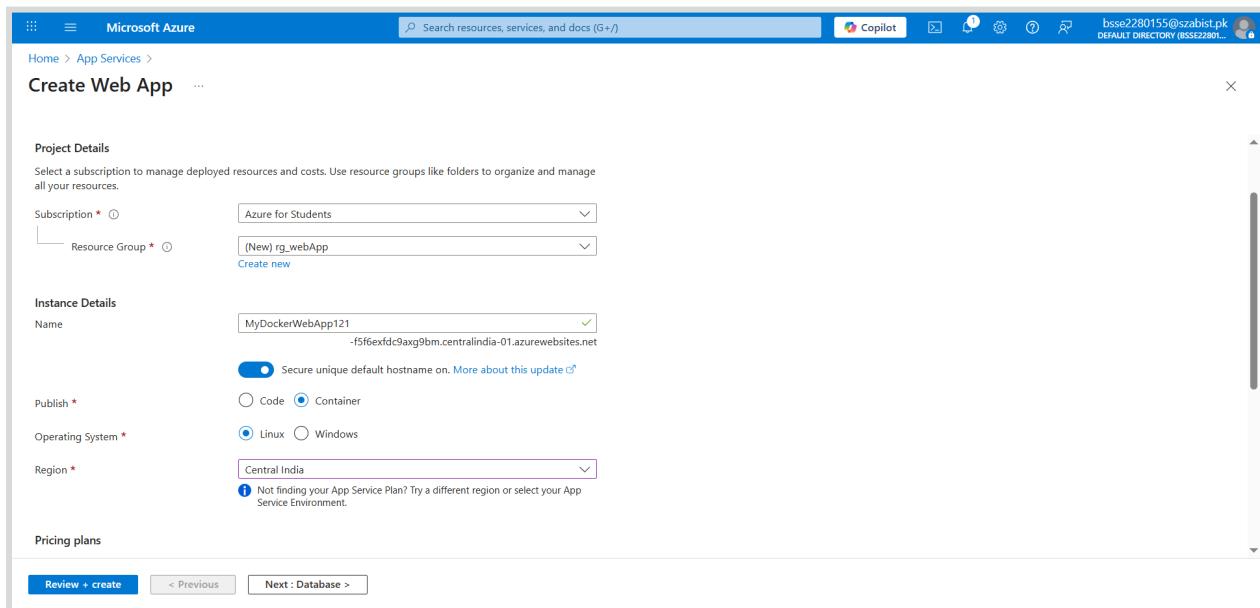
BS-SE 7B

Task 1: Create a Web App

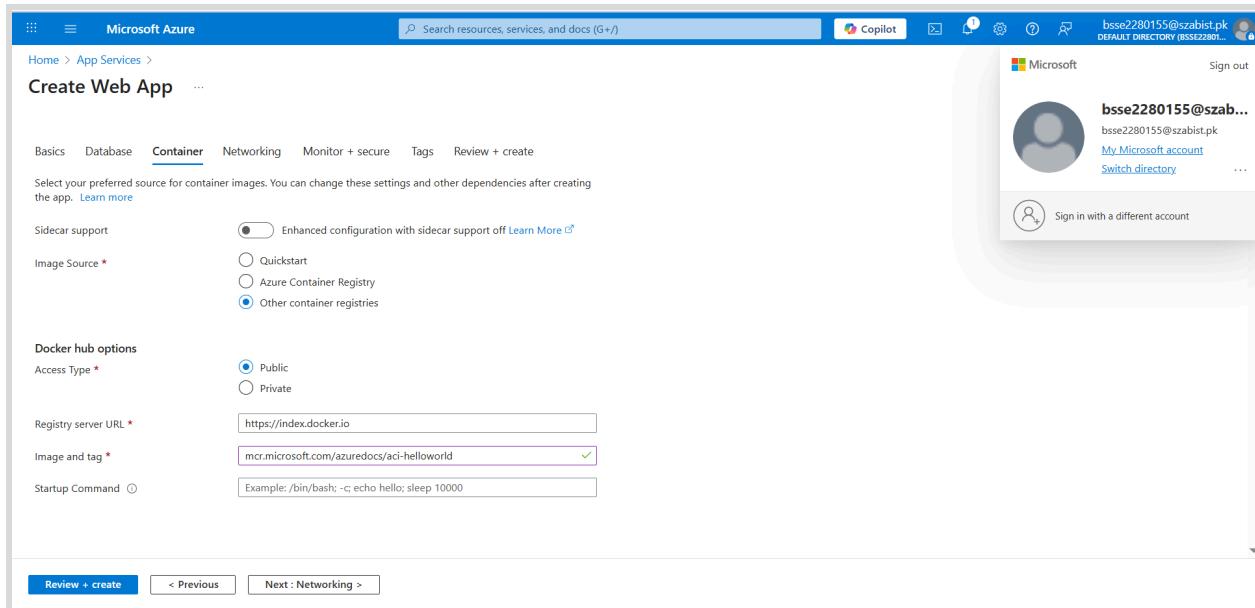
1. Sign-in to the Azure portal.



The screenshot shows the Microsoft Azure portal homepage. At the top, there's a search bar and a Copilot button. On the right, a user profile is displayed with the email 'bsse2280155@szabist.pk' and options to sign out or switch directory. Below the header, there are sections for 'Azure services' (Create a resource, Resource groups, All resources, Virtual machines, Quickstart Center, Azure AI Foundry, Kubernetes services, App Services, Storage accounts) and 'Resources' (Recent and Favorite). The 'Recent' section lists storage accounts, resource groups, subscriptions, and resource groups. At the bottom, there are links for Subscriptions, Resource groups, All resources, and Dashboard.



The screenshot shows the 'Create Web App' wizard in the Microsoft Azure portal. The title bar indicates 'Home > App Services > Create Web App'. The 'Project Details' step is shown, where the user selects 'Subscription' (Azure for Students) and 'Resource Group' (rg_webApp). The 'Instance Details' step follows, with fields for 'Name' (MyDockerWebApp121), 'Publish' (Container), 'Operating System' (Linux), and 'Region' (Central India). A note at the bottom of this step says 'Not finding your App Service Plan? Try a different region or select your App Service Environment.' At the bottom of the wizard, there are buttons for 'Review + create', '< Previous', and 'Next : Database >'.



- Click Review + create, and then click Create.

Overview

Essentials

Resource group (move)	: rg_webApp	Default domain	: mydockercwebapp121-f5f6exfd:9axg9bm.centralindia-01.azurewe...
Status	: Running	App Service Plan	: ASP-rgwebApp-ba34 (B1: 1)
Location (move)	: Central India	Operating System	: Linux
Subscription (move)	: Azure for Students	Health Check	: Cannot fetch health check data. Please try again later.
Subscription ID	: db878fcc-8781-42d0-a61d-55de3d976446		
Tags (edit)	: Add tags		

Properties Monitoring Logs Capabilities Notifications Recommendations

Web app

Name	MyDockerWebApp121	Deployment Center	Deployment logs
Publishing model	Container		View logs
Container Image	index.docker.io/mcr.microsoft.com/azuredocs/aci-helloworld		

Domains

Default domain	mydockercwebapp121-f5f6exfd:9axg9bm.centralindia-01.azurewebsites.net	Deployment Center	Deployment logs
Custom domain	Add custom domain		

Deployment Center

Application Insights

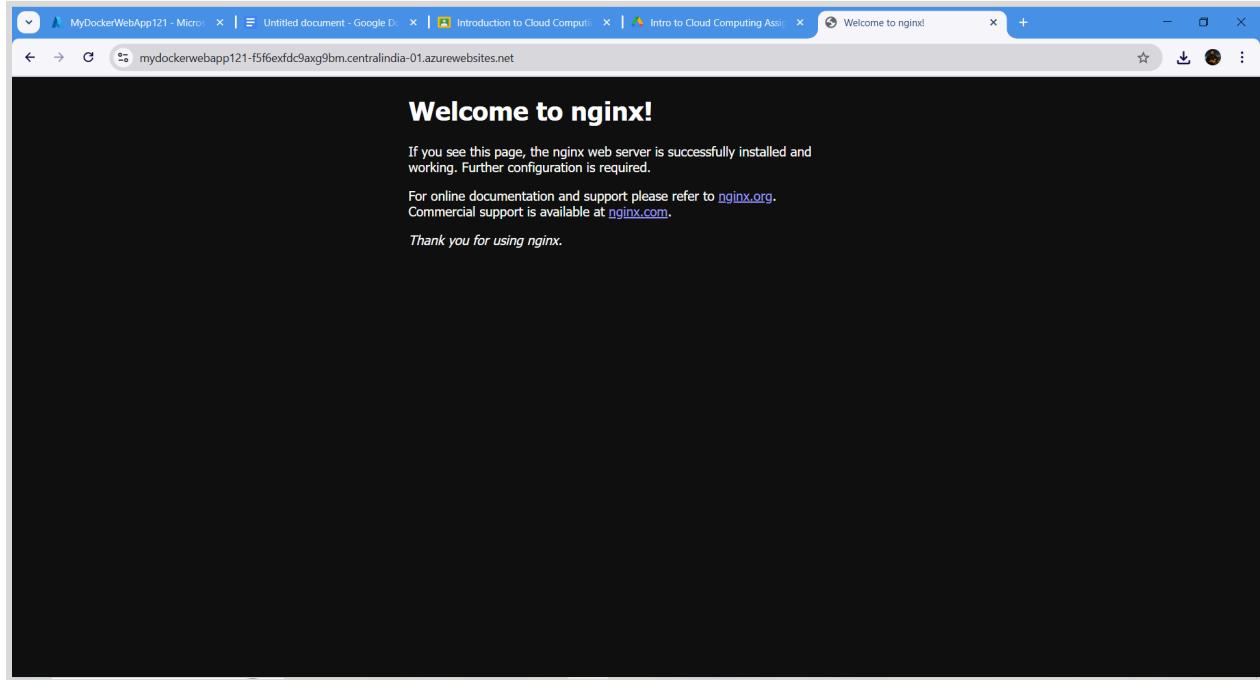
Networking

Task 2: Test the Web App

- On the Overview blade, locate the URL. Copy the URL to the clipboard.
- In a new browser window, paste the URI and press enter.

Note: Replaced the image with: "nginx:latest" since mcr.microsoft.com/azuredocs/aci-helloworld is no longer available.

- In a new browser window, paste the URI and press enter.



- Switch back to the Overview blade of your web app and scroll down. You will notice several charts tracking Data In/Out and Requests.

