LOYALIST COLLEGE
IN TORONTO

CLOD2005

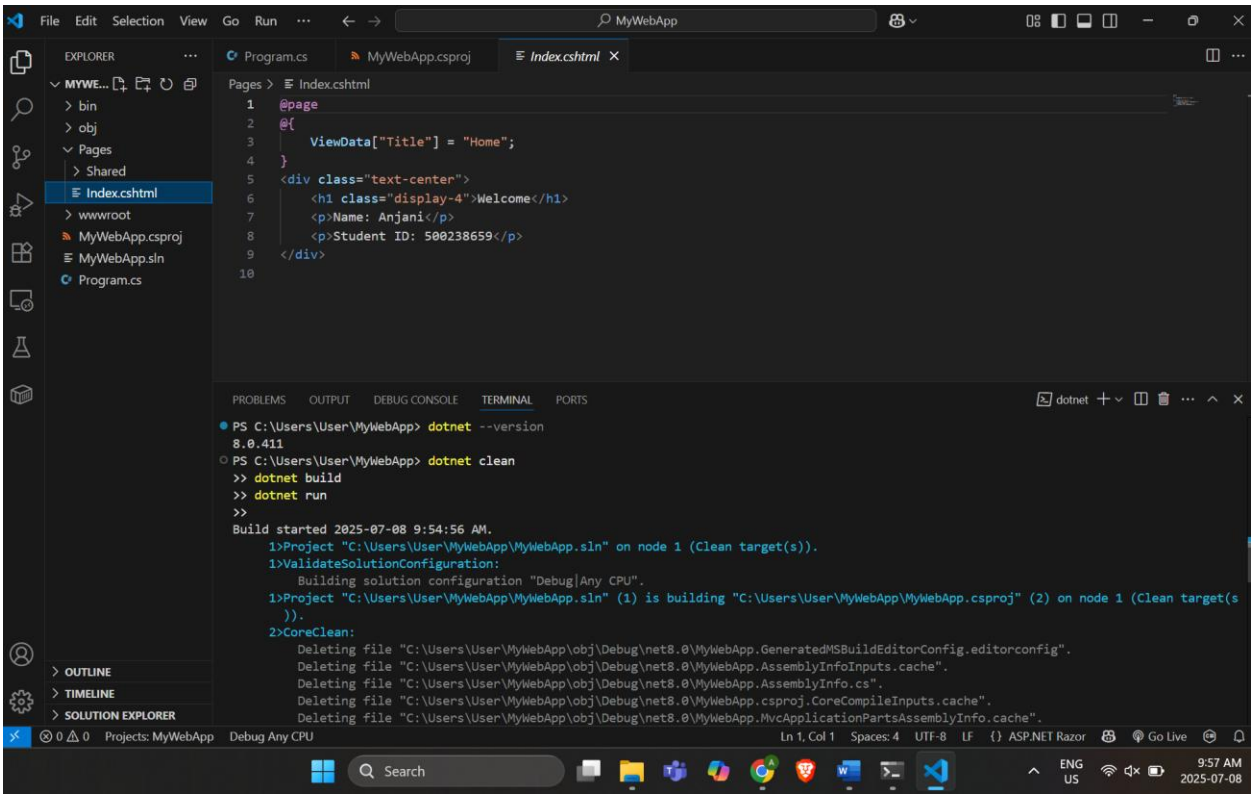
Azure Architect Technologies 01

Week 11 – In-Class Lab

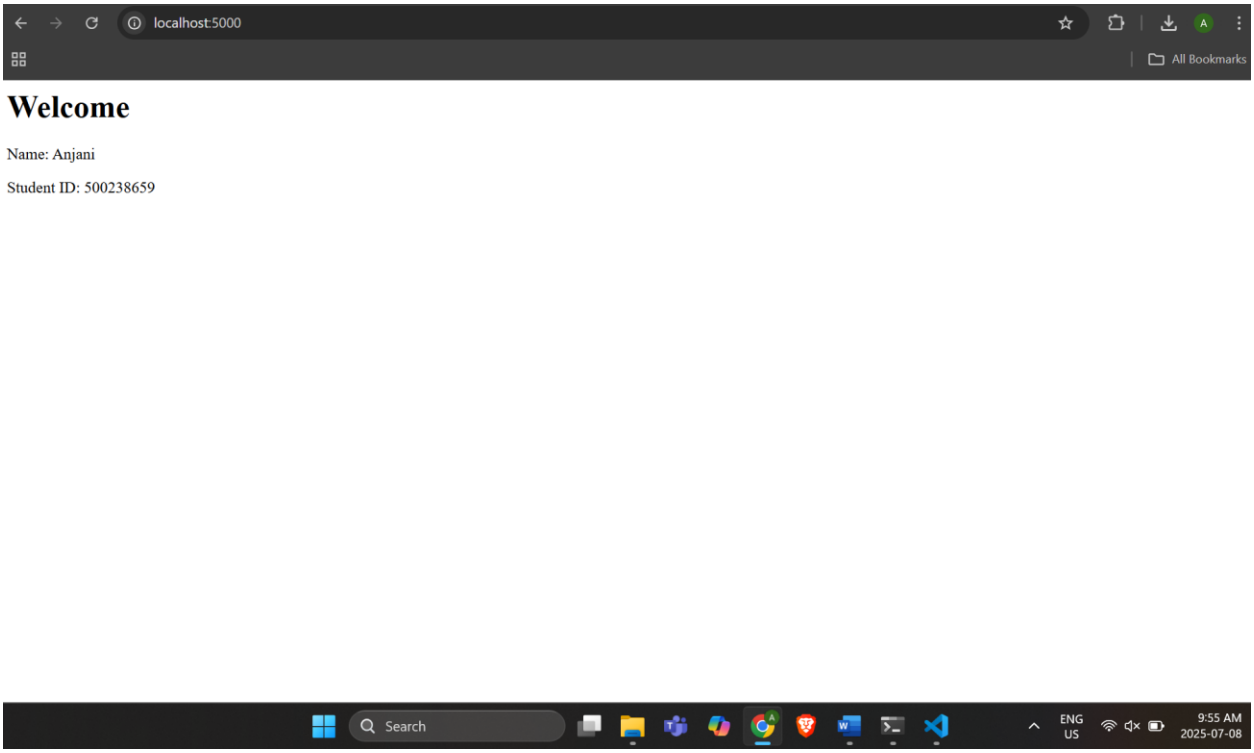
Assignment Submitted by:

Student Name: Anjani Netala
Student ID: 500238659
Course Code: CLOD2005
Instructor Name: Sergio Loza

1. Installed .NET 8.0 version and run the App locally



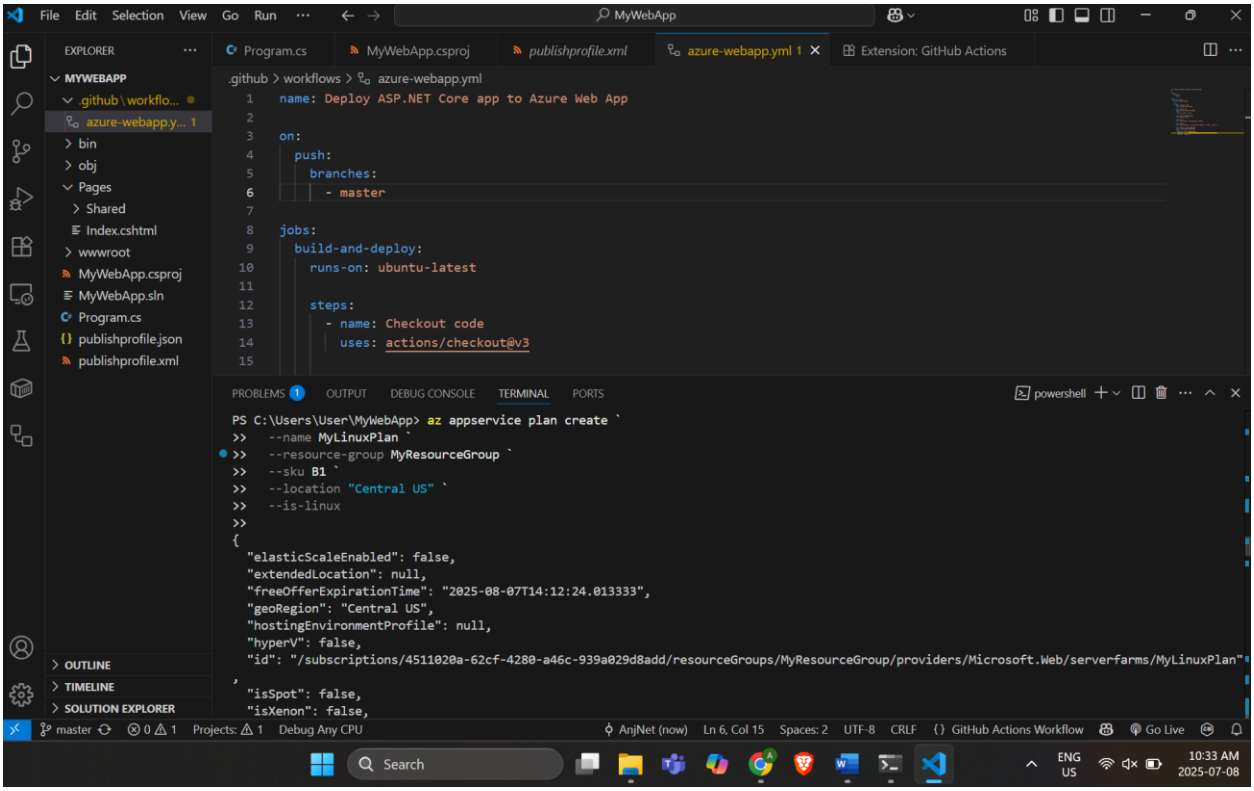
Successfully run the app locally.



Publish Profile — Get from Azure:

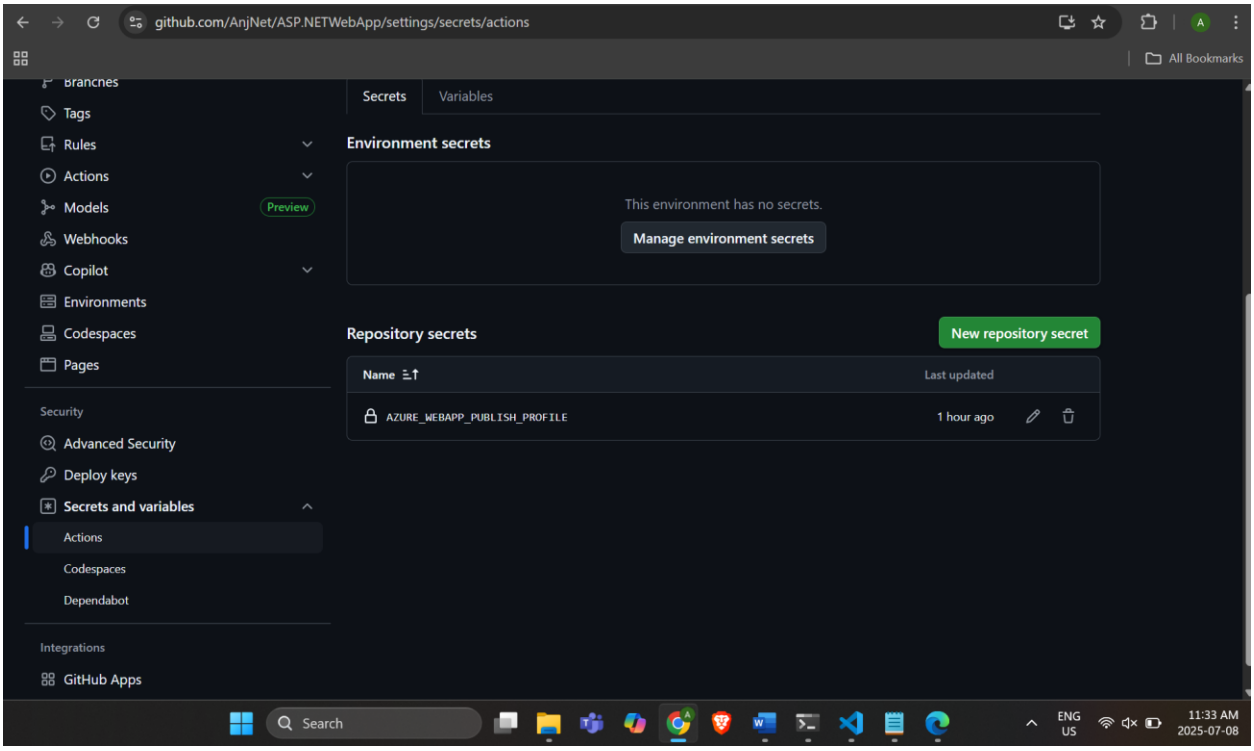
Using the Azure CLI, ran the following command to download the publish profile in JSON format. This file contains credentials and configuration needed to authenticate GitHub with Azure App Service.

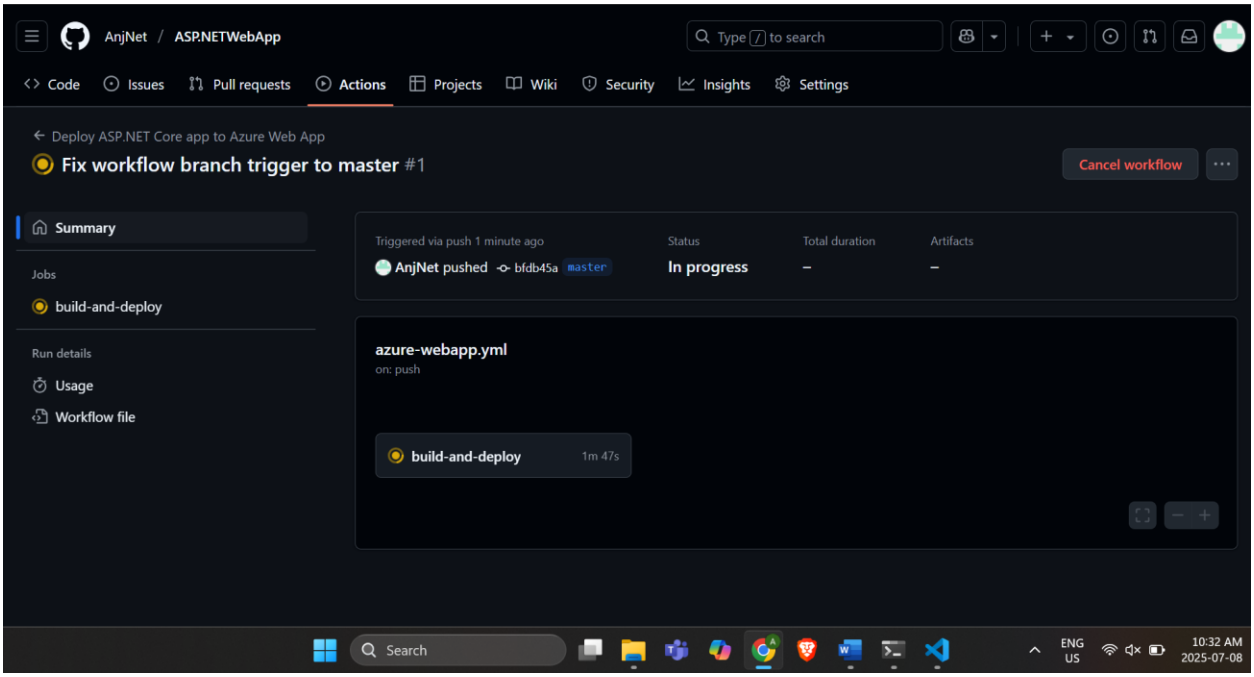
```
az webapp deployment list-publishing-profiles \
 --name anjani500659webapp \
 --resource-group MyResourceGroup \
 --output json > publishprofile.json
```

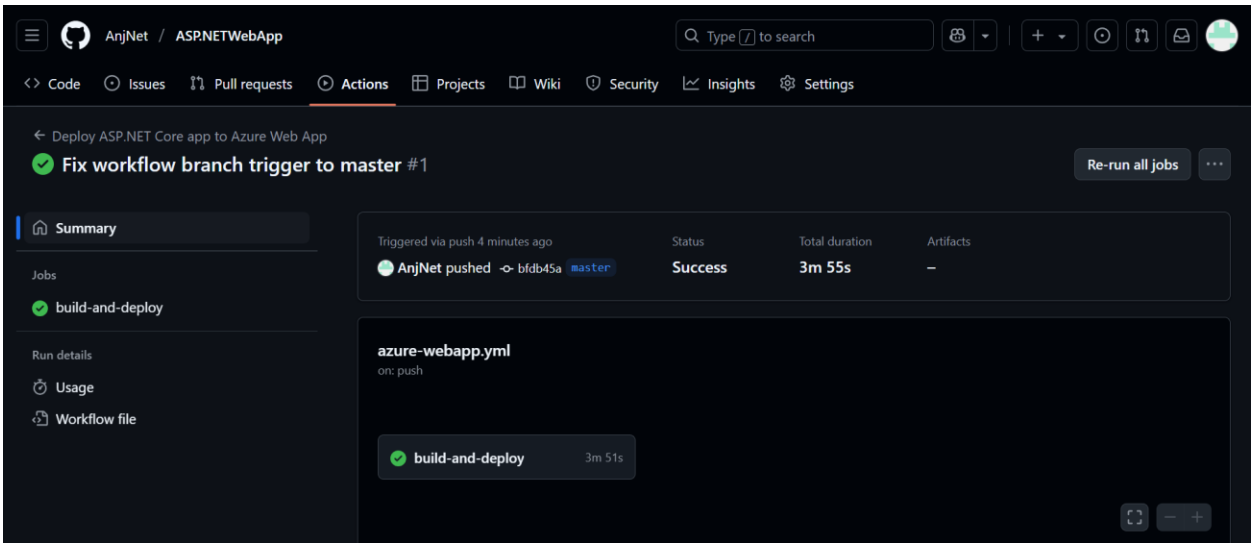


Went to **GitHub → Settings → Secrets and variables → Actions → New repository secret**

- Name: AZURE_WEBAPP_PUBLISH_PROFILE
- This secret allows GitHub Actions to authenticate and deploy the application to Azure securely, without exposing any credentials in the source code or workflow logs.


github.com/AnjNet/ASP.NETWebApp/settings/secrets/actions
All Bookmarks
Branches
Tags
Rules
Actions
Models
Preview
Webhooks
Copilot
Environments
Codespaces
Pages
Security
Advanced Security
Deploy keys
Secrets and variables
Actions
Codespaces
Dependabot
Integrations
GitHub Apps
Secrets
Variables
Environment secrets
This environment has no secrets.
Manage environment secrets
Repository secrets
New repository secret
Name
Last updated
AZURE_WEBAPP_PUBLISH_PROFILE
1 hour ago
Search
ENG
US
11:33 AM
2025-07-08


AnjNet / ASP.NETWebApp
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Deploy ASP.NET Core app to Azure Web App
Fix workflow branch trigger to master #1
Cancel workflow
Summary
Jobs
build-and-deploy
Run details
Usage
Workflow file
Triggered via push 1 minute ago
AnjNet pushed bfdb45a master
Status
In progress
Total duration
–
Artifacts
–
azure-webapp.yml
on: push
build-and-deploy
1m 47s
Search
ENG
US
10:32 AM
2025-07-08



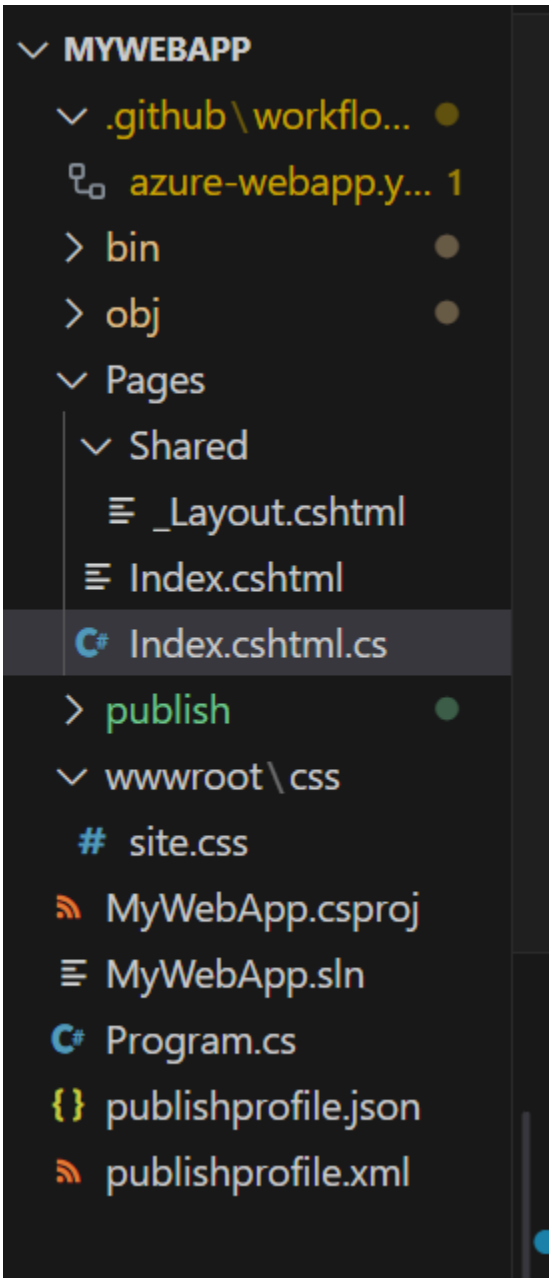
Welcome

Name: Anjani

Student ID: 500238659

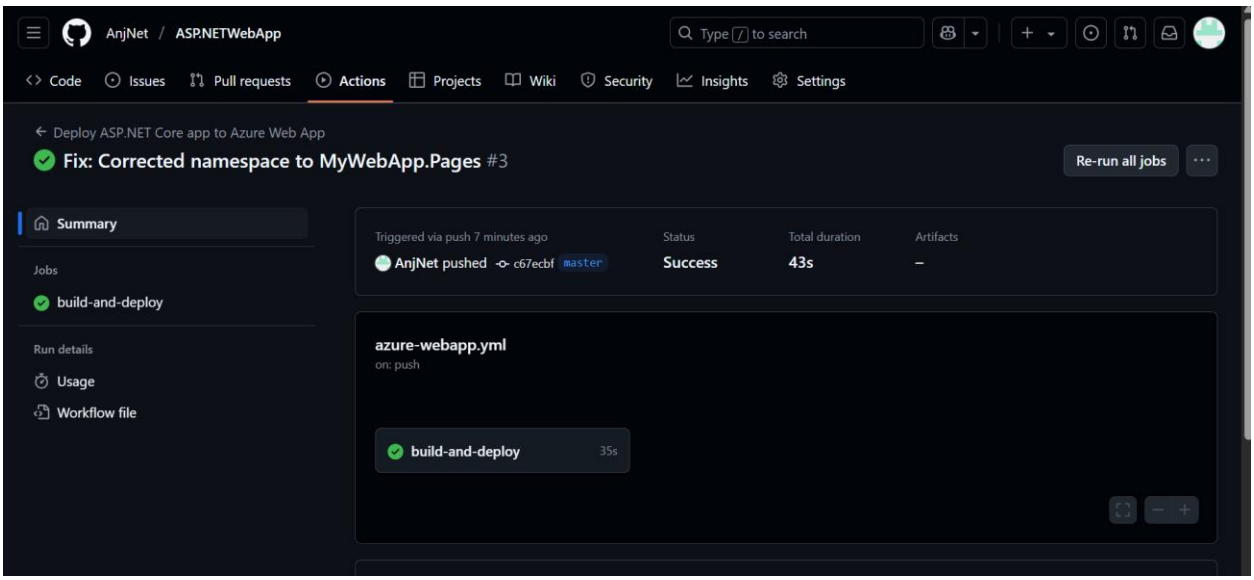
Customization of App:

Created a dedicated CSS file (site.css) in the wwwroot/css folder.



Testing Locally:

- Ran the app locally using dotnet run to verify the appearance.
- Fixed any issues with CSS loading or layout glitches.



Access and Verify the Live Azure Web App After GitHub Push:

Upon pushing the latest code (with customizations) to the GitHub repository, the configured GitHub Actions workflow was automatically triggered.

Navigated to the Azure Web App URL:

https://anjani500659webapp.azurewebsites.net/

Observed the live, deployed web application loading in the browser.