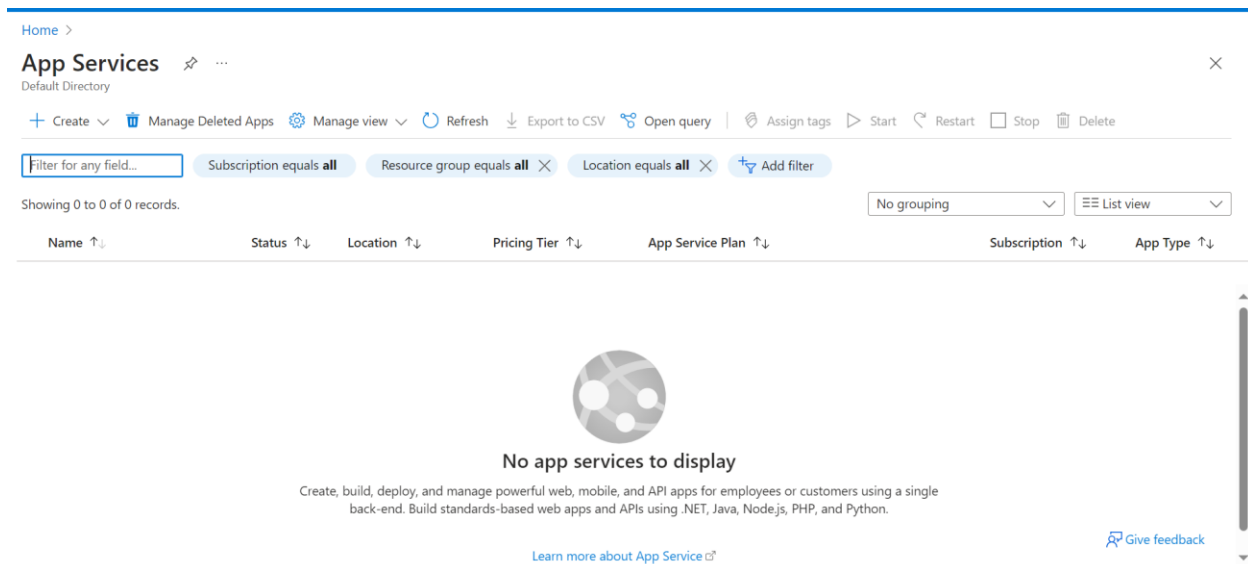
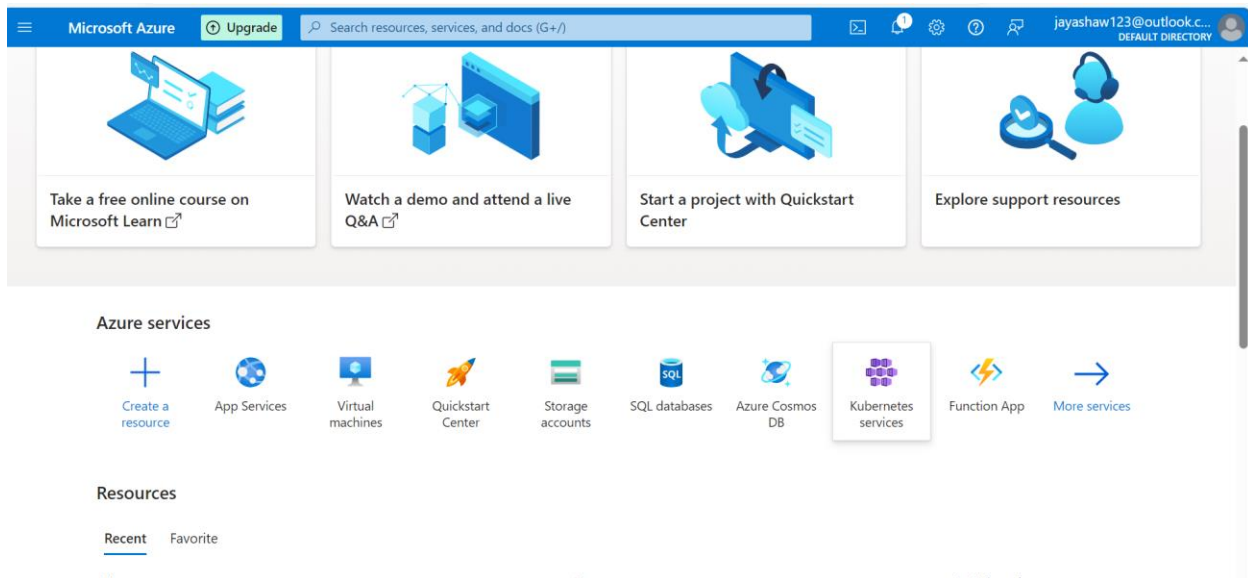


AZURE WEB APP AND AZURE CI/CD PIPELINE

S DHAMODHARAN

1. Create a web app service using Azure Portal



2. Select subscription id and resource group and enter web app name

Home > App Services >

Create Web App

any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ Free Trial

Resource Group * ⓘ (New) Shaw [Create new](#)

Instance Details

Name * Eiim .azurewebsites.net

Publish * ☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack * Java 17

[Review + create](#) [< Previous](#) [Next : Database >](#)

3. Select region and runtime stack and publish which supports the developed project

Microsoft Azure Upgrade Search resources, services, and docs (G+/)

Home > App Services >

Create Web App

Name * Eiim .azurewebsites.net

Publish * ☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack * Java 17

Java web server stack * Apache Tomcat 10.0

Operating System * ☒ Linux ☐ Windows

Region * East US

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

[Review + create](#) [< Previous](#) [Next : Database >](#)

4. Deployment is started and deployment is completed and then click go to resource

Microsoft Azure Upgrade Search resources, services, and docs (G+/) jayashaw123@outlook.c... DEFAULT DIRECTORY

Home > Microsoft.Web-WebApp-Portal-77081cb8-bddb | Overview

Deployment

Search

Overview Inputs Outputs Template

✓ Your deployment is complete

Deployment name: Microsoft.Web-WebApp-Porta... Start time: 2/9/2024, 2:17:17 PM
Subscription: Free Trial Correlation ID: a3e2e713-7c3c-4229-a5aa-550f3
Resource group: Shaw

Deployment details

Next steps

Manage deployments for your app. Recommended
Protect your app with authentication. Recommended

Go to resource

Give feedback
Tell us about your experience with deployment

Deployment succeeded
Deployment 'Microsoft.Web-WebApp-Portal-77081cb8-bddb' to resource group 'Shaw' was successful.
Go to resource Pin to dashboard

Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >

Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >

Free Microsoft tutorials
Start learning today

Work with an expert

5. To view complete Web app service details

Microsoft Azure Upgrade Search resources, services, and docs (G+/) jayashaw123@outlook.c... DEFAULT DIRECTORY

Home > Microsoft.Web-WebApp-Portal-77081cb8-bddb | Overview >

Eiim Web App

Search

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Microsoft Defender for Cloud Events (preview)

Deployment

Deployment slots Deployment Center

Settings

Configuration Authentication

Browse Stop Swap Restart Delete Refresh Download publish profile Reset publish profile

Essentials

Resource group (move) Shaw

Status Running

Location (move) East US

Subscription (move) Free Trial

Subscription ID 686d9bf5-ad00-489e-b016-2501e94f72e3

Tags (edit) Add tags

Default domain eiim.azurewebsites.net

App Service Plan ASP-Shaw-850e (F1: 1)

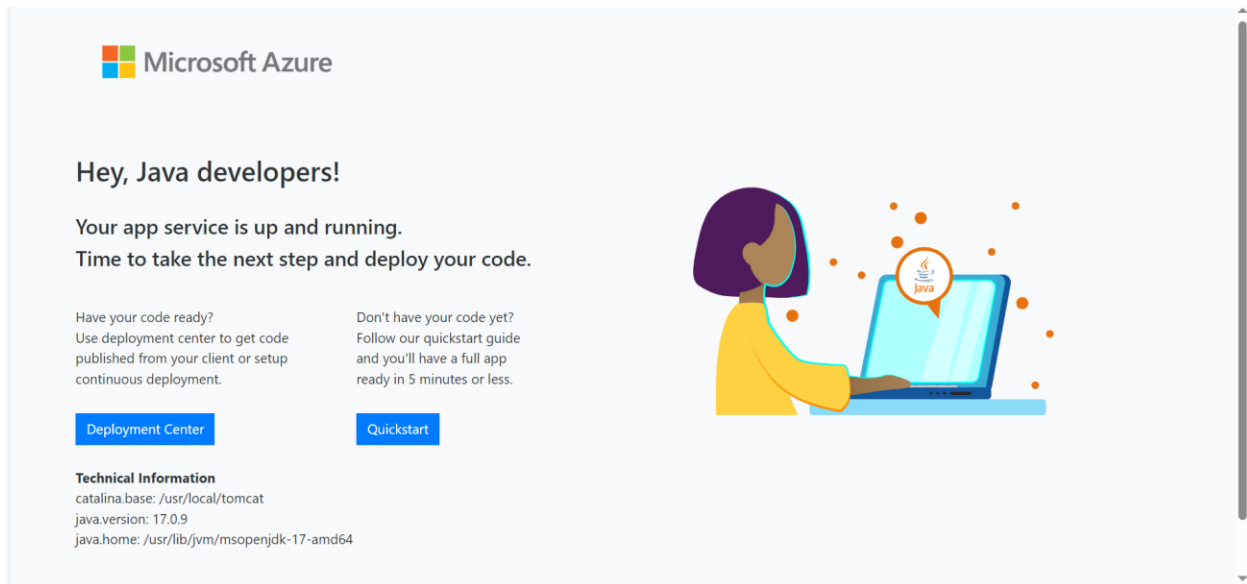
Operating System Linux

Health Check Cannot fetch health check data. Please try again later.

JSON View

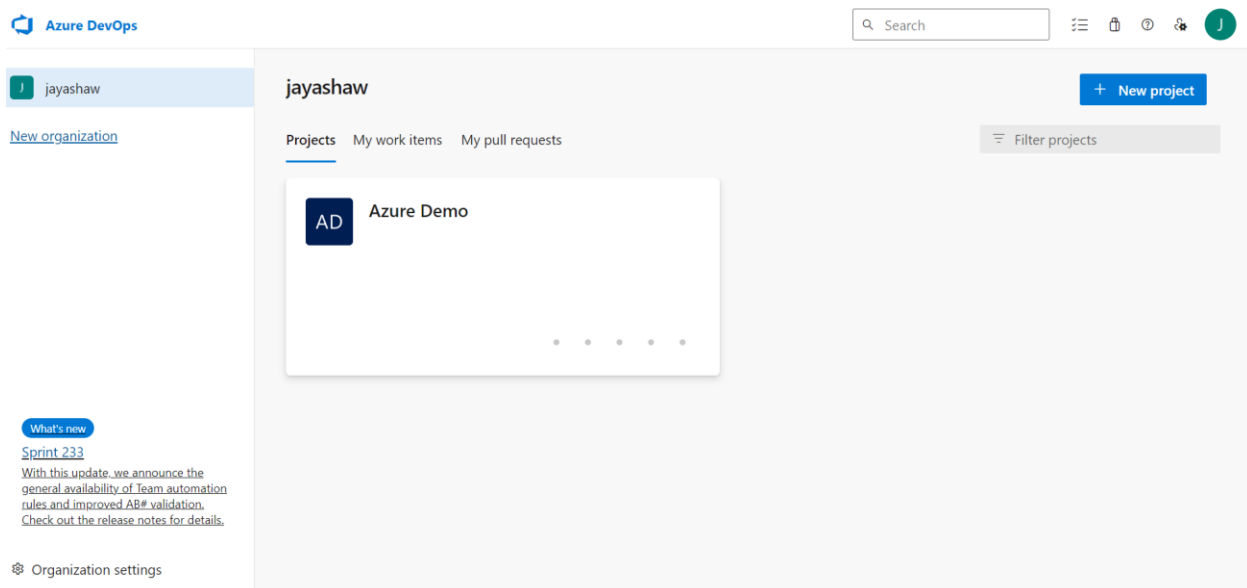
Properties Monitoring Logs Capabilities Notifications Recommendations

Web app



Azure DevOps Ci/Cd Pipeline

1. First create azure devops account , create a organization and then create a project.



2. First our file is move to Azure repo using git Commends like init,add .,commit ,push:

```
Microsoft Windows [Version 10.0.19045.3930]
(c) Microsoft Corporation. All rights reserved.

C:\Users\dhmodharan.sundar\Downloads\kts-web-app-main>git init
Reinitialized existing Git repository in C:/Users/dhmodharan.sundar/Downloads/kts-web-app-main/.git/

C:\Users\dhmodharan.sundar\Downloads\kts-web-app-main>_
```

```
C:\Windows\System32\cmd.exe

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   pom.xml
        new file:   src/main/webapp/WEB-INF/web.xml
        new file:   src/main/webapp/index.jsp

C:\Users\dhmodharan.sundar\Downloads\maveen_web_app-main\maveen_web_app-main>git commit -m"first"
[master (root-commit) 6ae4909] first
  Committer: Dhmodharan Sundar <dhmodharan.sundar@aspire.sys.com>
  Your name and email address were configured automatically based
  on your username and hostname. Please check that they are accurate.
  You can suppress this message by setting them explicitly. Run the
  following command and follow the instructions in your editor to edit
  your configuration file:

      git config --global --edit

  After doing this, you may fix the identity used for this commit with:

      git commit --amend --reset-author

  3 files changed, 38 insertions(+)
  create mode 100644 pom.xml
  create mode 100644 src/main/webapp/WEB-INF/web.xml
  create mode 100644 src/main/webapp/index.jsp

C:\Users\dhmodharan.sundar\Downloads\maveen_web_app-main\maveen_web_app-main>
```

```
C:\Windows\System32\cmd.exe

git config --global --edit

After doing this, you may fix the identity used for this commit with:

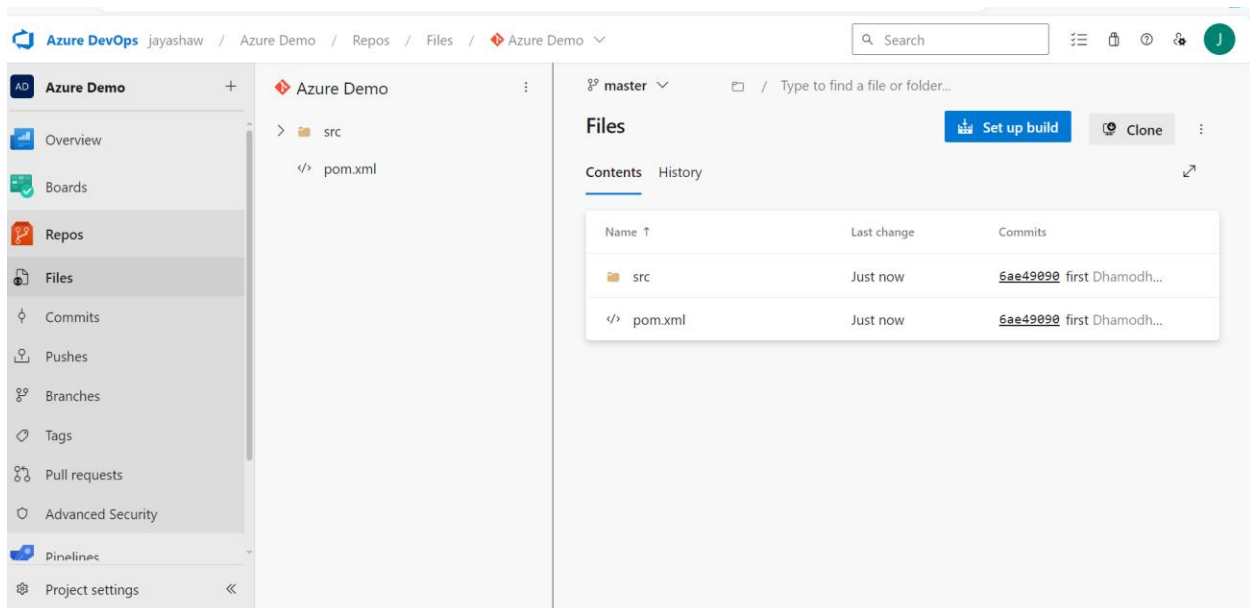
git commit --amend --reset-author

3 files changed, 38 insertions(+)
create mode 100644 pom.xml
create mode 100644 src/main/webapp/WEB-INF/web.xml
create mode 100644 src/main/webapp/index.jsp

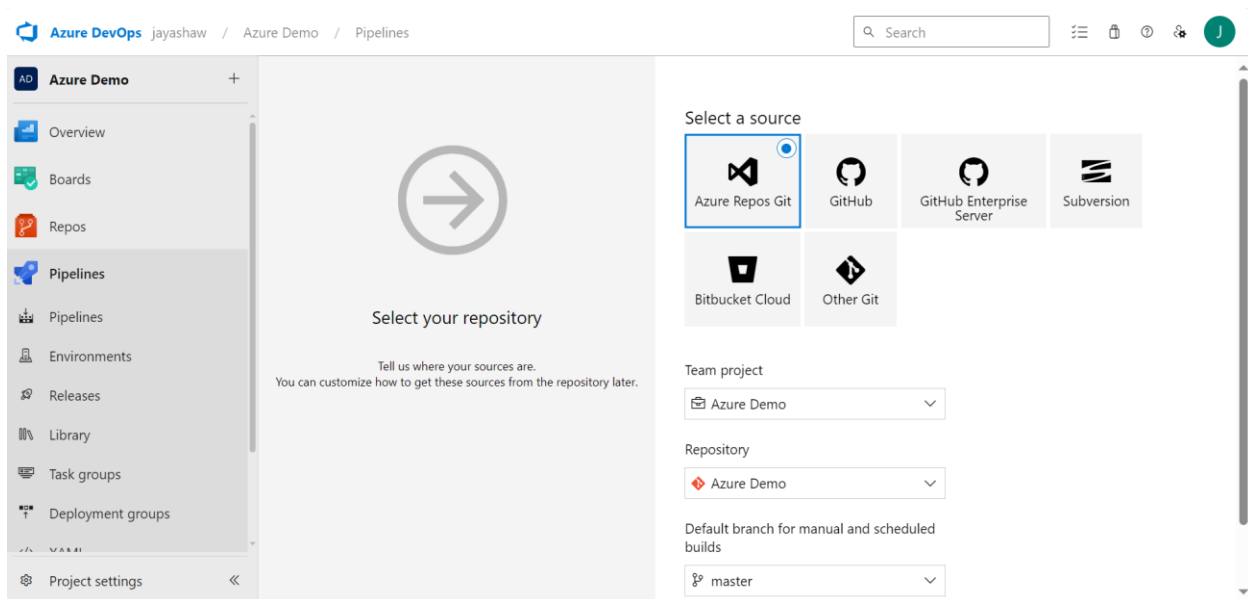
C:\Users\dharmodharan.sundar\Downloads\maveen_web_app-main\maveen_web_app-main>git remote add origin https://jayashaw@dev.azure.com/jayashaw/Azure%20Demo/_git/Azure%20Demo

C:\Users\dharmodharan.sundar\Downloads\maveen_web_app-main\maveen_web_app-main>git push -u origin --all
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 1.08 KiB | 553.00 KiB/s, done.
Total 9 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (9/9) (3 ms)
remote: Storing packfile... done (238 ms)
remote: Storing index... done (39 ms)
To https://dev.azure.com/jayashaw/Azure%20Demo/_git/Azure%20Demo
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

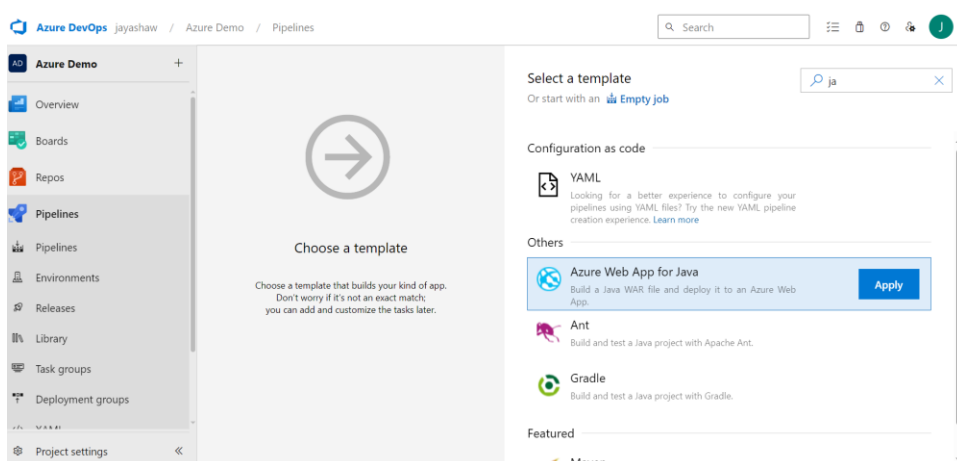
4. Now our file is moved to Azure Repo.



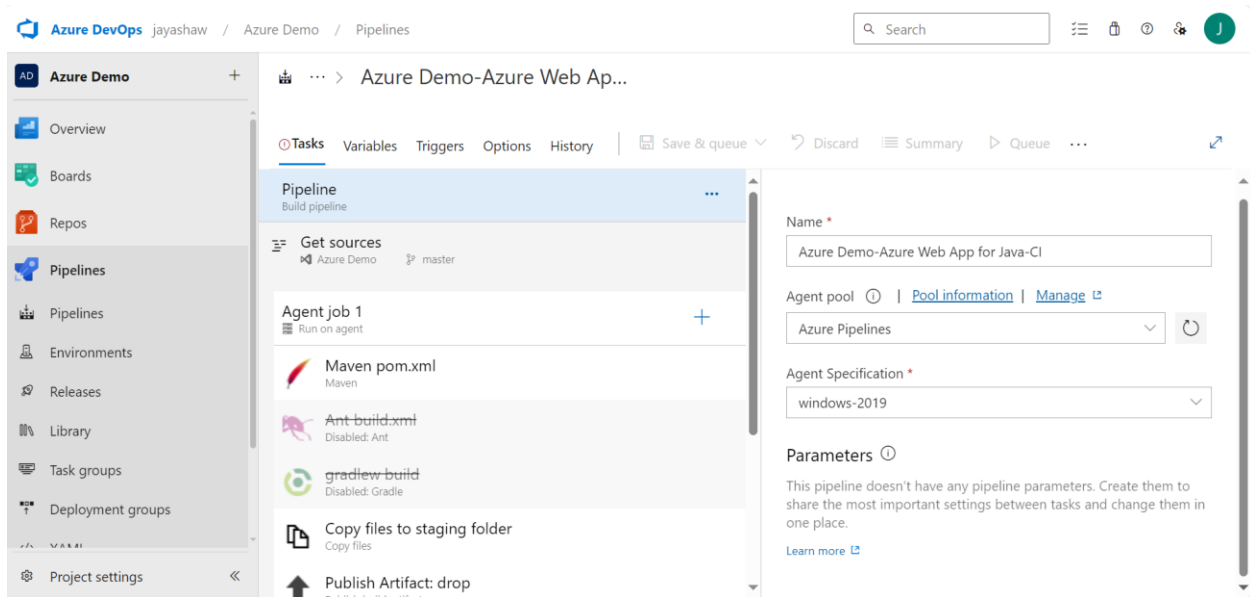
5. Create a pipeline And Select your repository



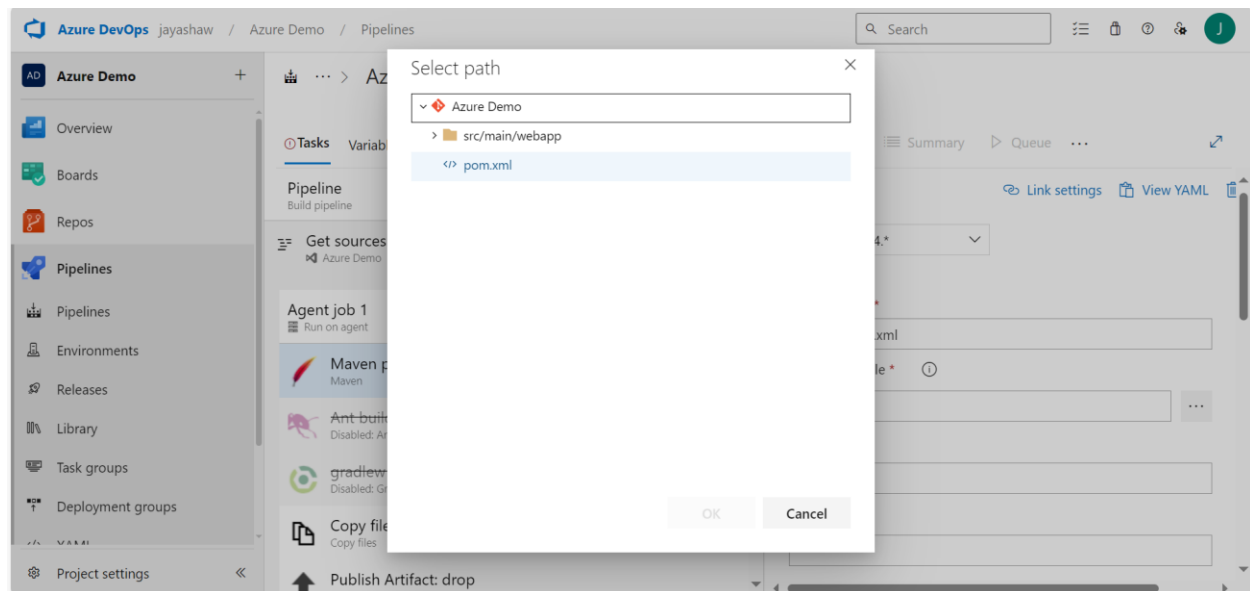
6. Choose a template for your project

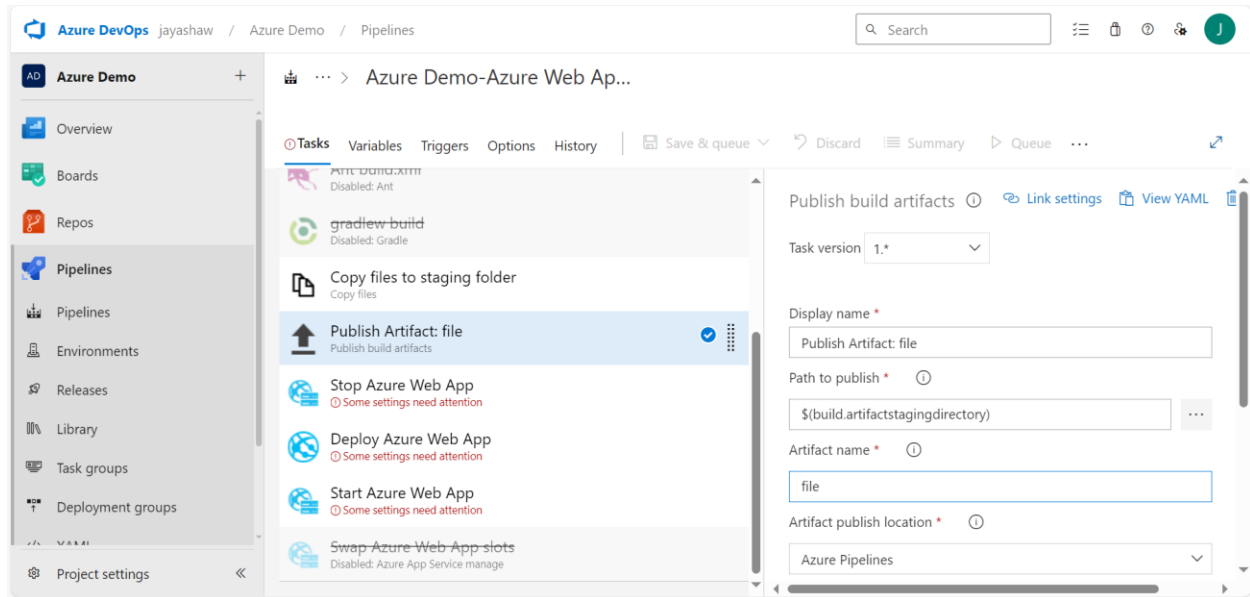


7. I choose Classic Default template for build to deploy (java Project)

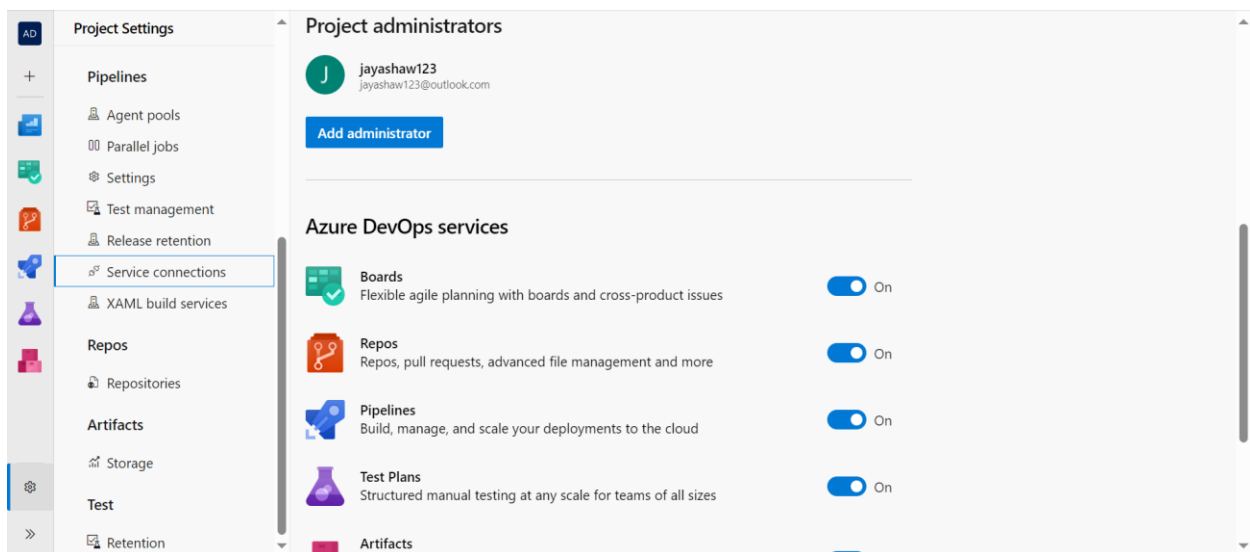


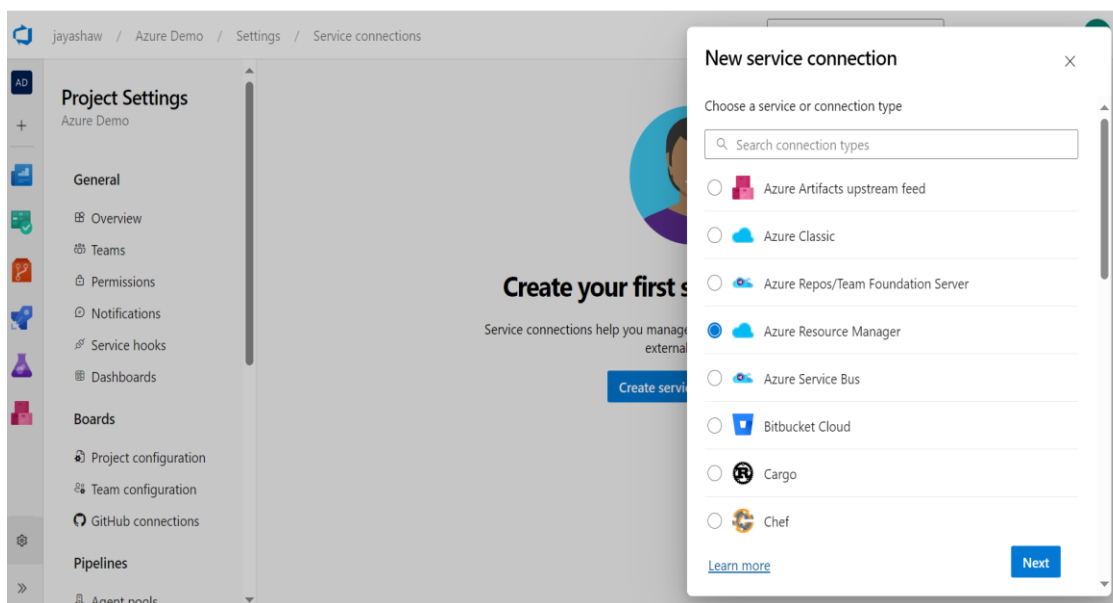
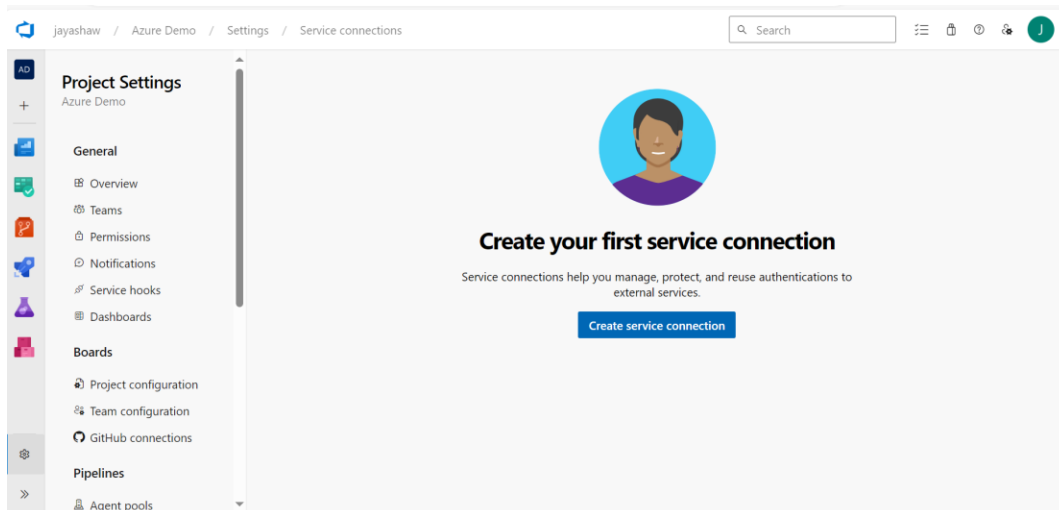
7. To browse Pom.xml file

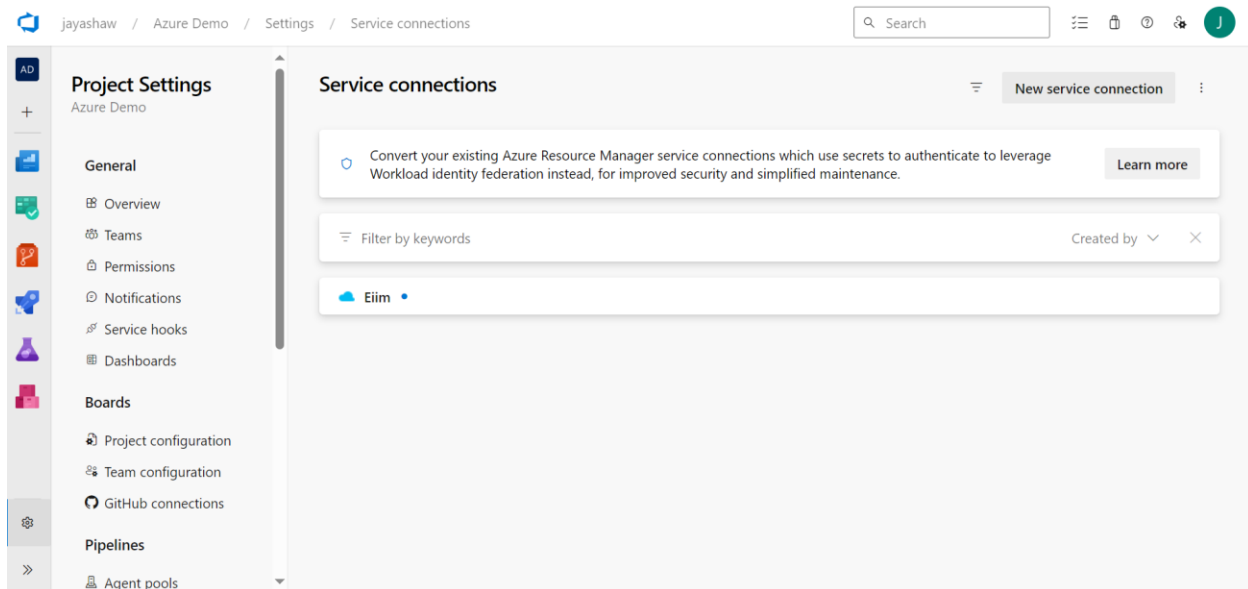




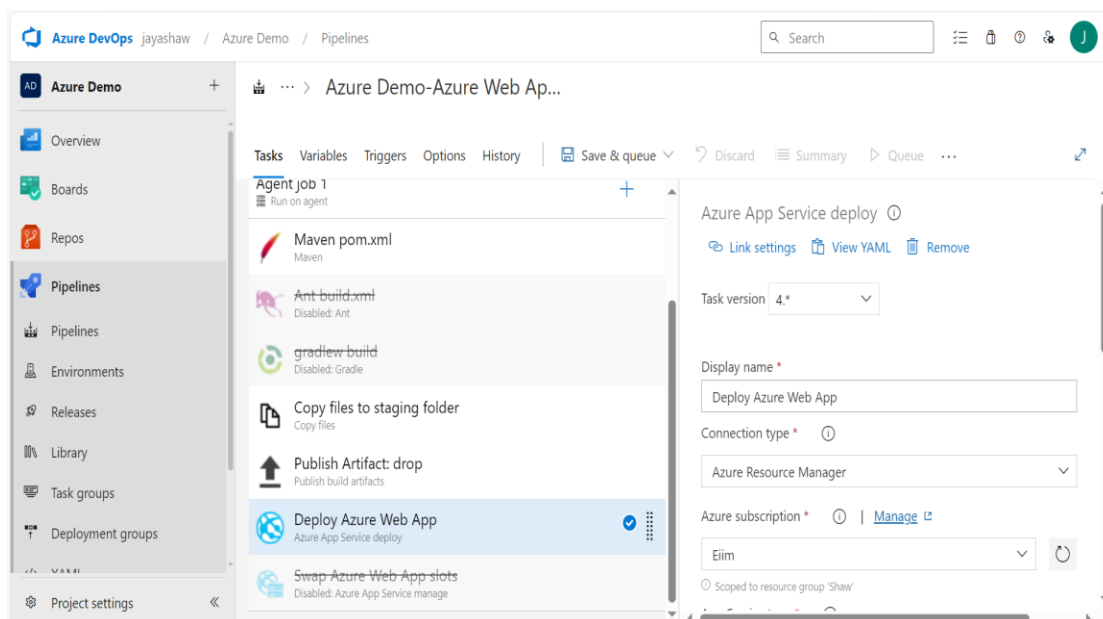
8. First We create a connection Between Azure web app And Azure Devops

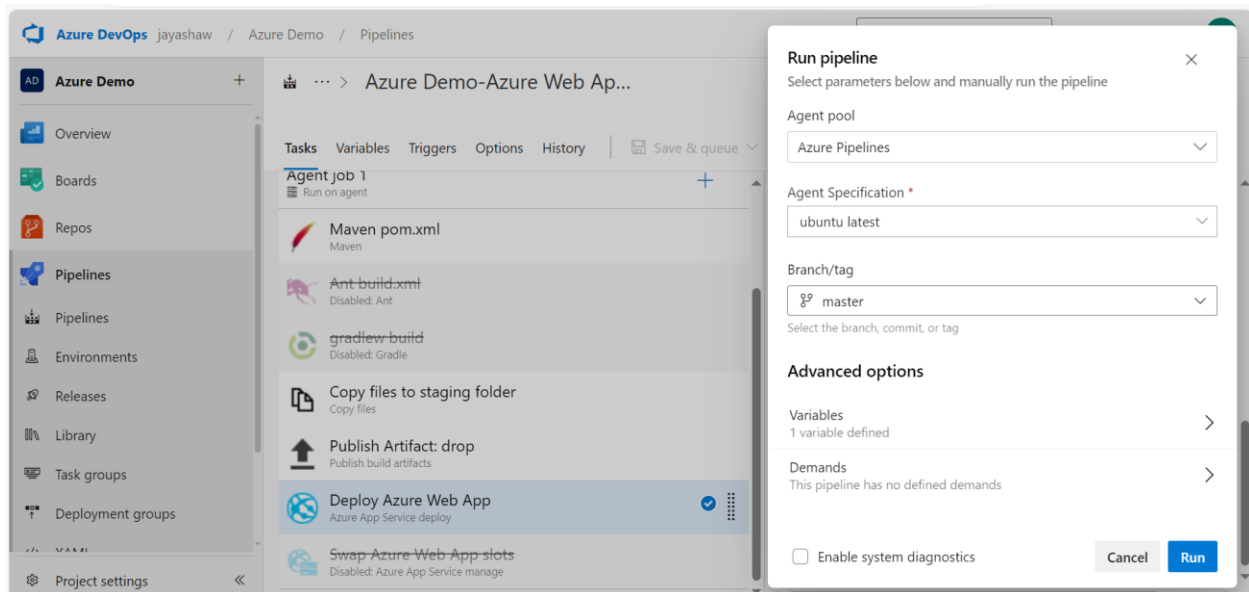
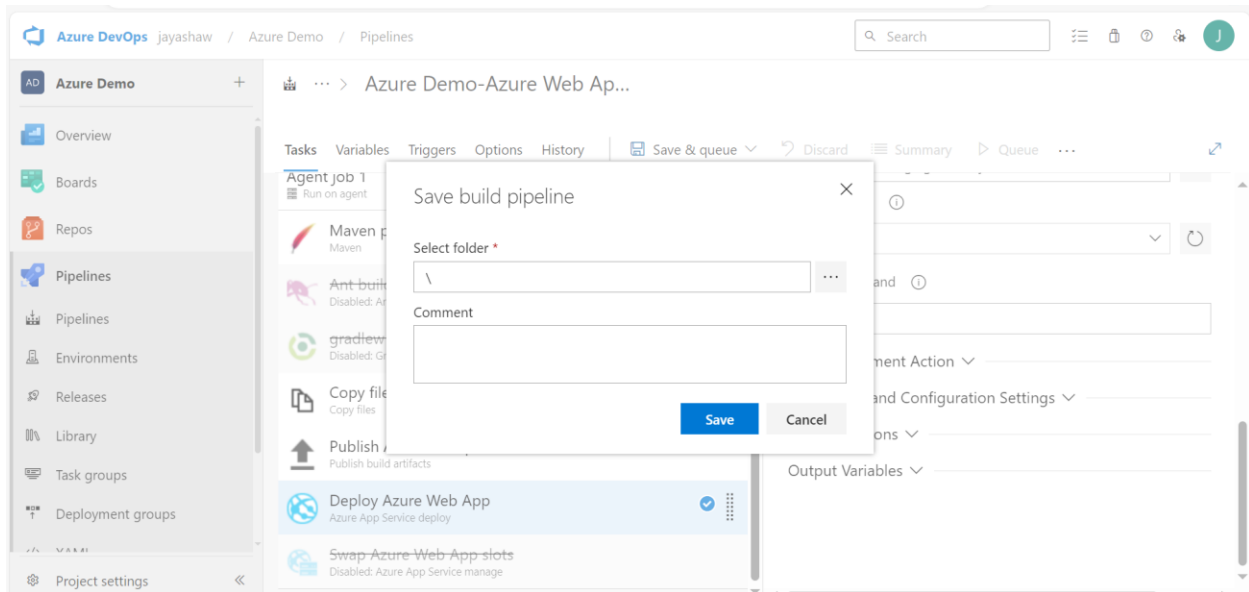


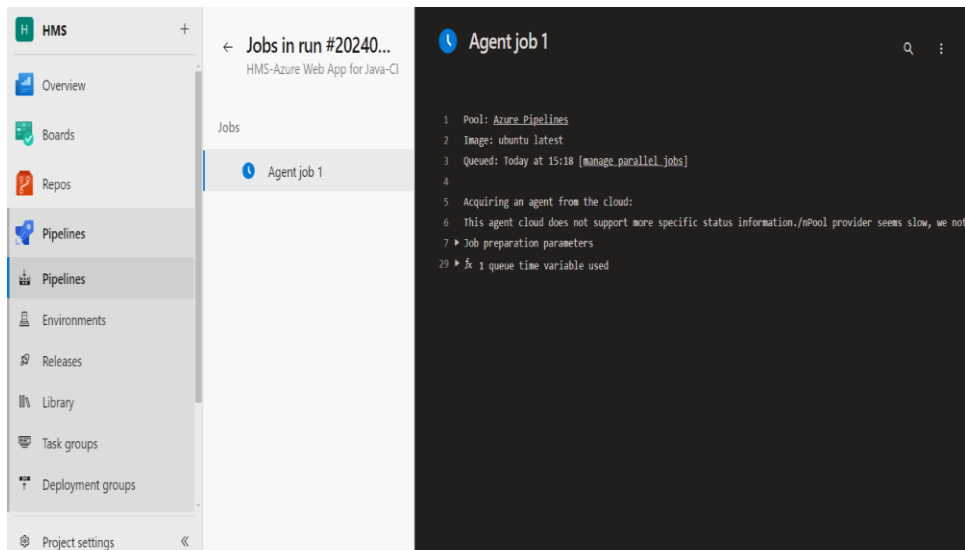




9. We have to configure the web app along with the azure pipeline so that after the build artifact is use to deploy the azure web app and to click save queue and run the pipeline







10.After this process all the jobs are running Successfully and our Deployment is Completed.