

Assignment – 4

2. Deploy the pet clinic in azure devops

The screenshot displays the Azure DevOps Pipelines interface. On the left, a sidebar shows the project 'springpet' with navigation options: Overview, Boards, Repos, Pipelines (selected), Environments, Releases, Library, Task groups, and Project settings. The main area is titled 'Jobs in run #202...' for 'springpet'. It lists the following jobs with their durations:

- Initialize job: 3s
- Checkout spri...: 1s
- Maven: 7m 7s
- CopyFiles: <1s
- PublishBuildAr...: 8s
- Post-job: Ch...: <1s
- Finalize Job: <1s
- Report build ...: <1s

The 'Job' is marked as successful with a green checkmark. A detailed view of the job is shown on the right, including the following steps:

- Pool: [Azure Pipelines](#)
- Image: [ubuntu-latest](#)
- Agent: Hosted Agent
- Started: Today at 9:22 AM
- Duration: 7m 22s
- Job preparation parameters
- 1 artifact produced

A 'View raw log' button is visible in the top right corner of the job details panel.

The screenshot shows the Azure portal interface for the 'pet-clinic-durga' Web App. The left sidebar contains navigation options: Overview (selected), Activity log, Access control (IAM), Tags, Diagnose and solve problems, Microsoft Defender for Cloud, Events (preview), Better Together (preview), Deployment, Deployment slots, Deployment Center, and Performance. The main area displays the 'Essentials' section for the Web App, including the following information:

- Resource group: [pet-clinic-training](#)
- Status: Running
- Location: [Central India](#)
- Subscription: [Azure Pass - Sponsorship](#)
- Subscription ID: eeb4ac4d-15ea-4514-b2fe-436f3e9e24c5
- Tags: [\(edit\)](#)
- Default domain: [pet-clinic-durga.azurewebsites.net](#)
- App Service Plan: [pet-clinic-durga \(S1: 1\)](#)
- Operating System: Windows
- Health Check: Not Configured

A banner at the top of the Essentials section reads: 'Click here to access Application Insights for monitoring and profiling for your app.' A 'JSON View' link is located in the top right corner of the Essentials section.


Welcome



5. Create a pipeline in jenkins-spring pet clinic jar creation

jenkins - Microsoft Azure x Projects - Home x New Item [Jenkins] x +

← → ↻ ⚠️ Not secure 20.197.19.254:8080/view/all/newJob 🔒 ☆ D ⋮

 **Jenkins** 🔍 Search (CTRL+K) ? 🛡️ 1 👤 administrator ▾ 🚪 log out


Dashboard > All > New Item


New Item

Enter an item name

springpetclinic

Select an item type

 **Freestyle project**
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

 **Pipeline**
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

OK

Windows taskbar: 4:12 AM 8/26/2024

jenkins - Microsoft Azure | Projects - Home | springpetclinic Config [Jenkins] | (45) WhatsApp

Not secure 20.197.19.254:8080/job/springpetclinic/configure

Dashboard > springpetclinic > Configuration

Configure

General

Advanced Project Options

Pipeline

Definition

Pipeline script

Script ?

```
1 pipeline{
2   agent any
3   tools {
4     maven "MW3"
5   }
6 }
7 stages {
8   stage('pull') {
9     steps {
10      git branch: 'main', credentialsId: 'github', url: 'git@github.com:Pythille12/spring-petclinic.git'
11    }
12  }
13  stage('build') {
14    steps {
15      sh "mvn package"
16    }
17  }
18 }
```

Use Groovy Sandbox ?

Save Apply

Windows taskbar: 4:26 AM 8/26/2024

jenkins - Microsoft Azure | Projects - Home | springpetclinic #1 Console [Jenkins] | (45) WhatsApp

Not secure 20.197.19.254:8080/job/springpetclinic/1/console

Dashboard > springpetclinic > #1

```
[Pipeline]
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (print)
[Pipeline] tool (hide)
[Pipeline] envVarsForTool
[Pipeline] withEnv
[Pipeline] {
[Pipeline] sh
+ echo hello
hello
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Windows taskbar: 4:24 AM 8/26/2024

jenkins - Microsoft Azure | Projects - Home | springpetclinic [Jenkins] | (45) WhatsApp

Not secure 20.197.19.254:8080/job/springpetclinic/

Dashboard > springpetclinic

Configure
Delete Pipeline
Stages
Rename
Pipeline Syntax

Build History trend
Filter... /
#1
Aug 26, 2024, 11:17 AM
Atom feed for all Atom feed for failures

Latest Test Result (no failures) 44

Permalinks

- Last build (#1), 7 min 21 sec ago
- Last stable build (#1), 7 min 21 sec ago
- Last successful build (#1), 7 min 21 sec ago
- Last completed build (#1), 7 min 21 sec ago

REST API Jenkins 2.462.1

4:25 AM 8/26/2024

jenkins - Microsoft Azure | Projects - Home | springpetclinic [Jenkins] | (45) WhatsApp

Not secure 20.197.19.254:8080/job/springpetclinic/

Jenkins Search (CTRL+K) administrator log out

Dashboard > springpetclinic

Status

Changes

Build Now

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

Build History trend
Filter... /
#1
Aug 26, 2024, 11:17 AM
Atom feed for all Atom feed for failures

springpetclinic Add description

Last Successful Artifacts
spring-petclinic-3.3.0-SNAPSHOT.jar 58.32 MiB view

Test Result Trend
Passed Skipped Failed

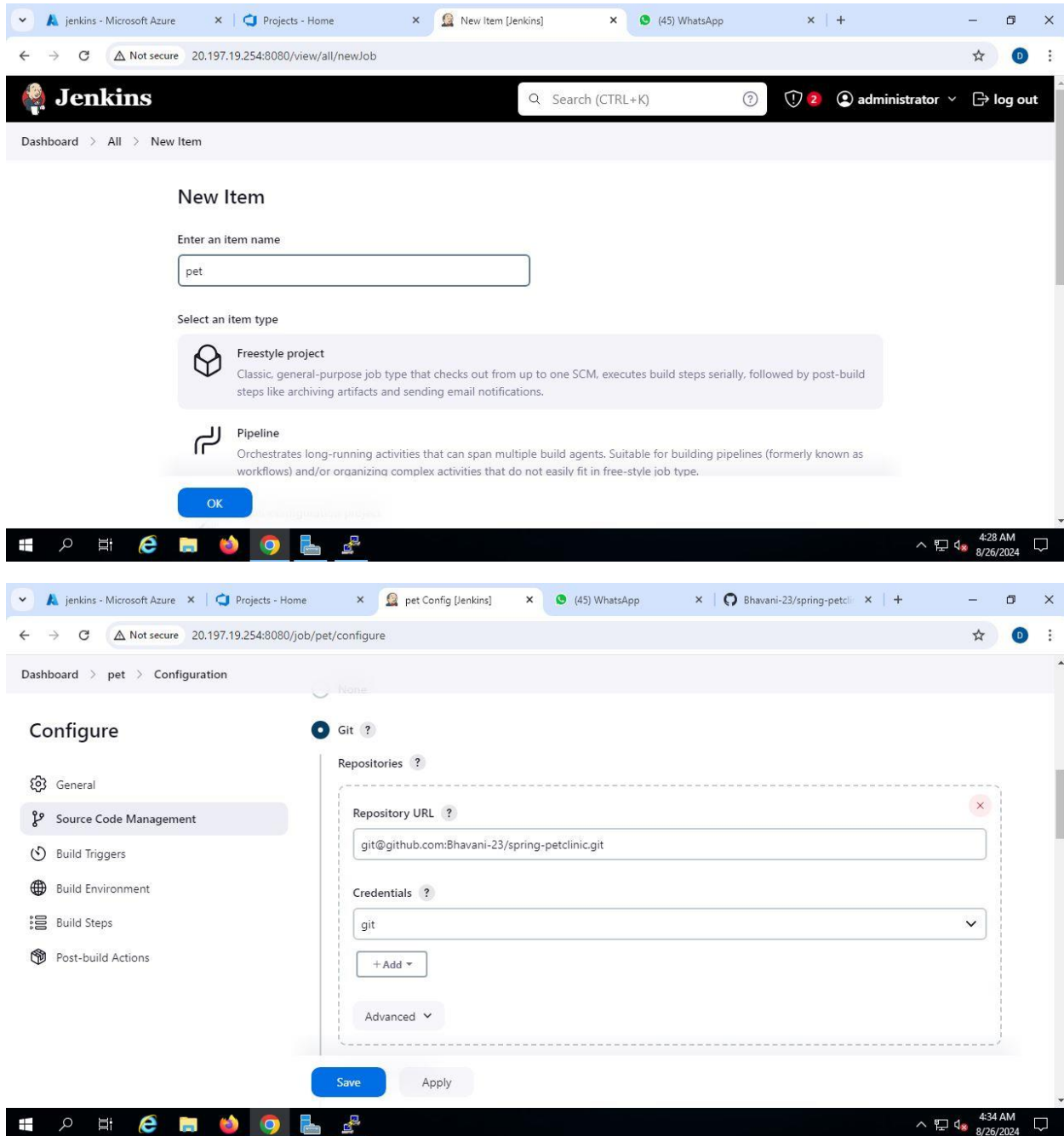
Latest Test Result (no failures) 44

Permalinks

- Last build (#1), 7 min 21 sec ago
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- Last successful build (#1), 7 min 21 sec ago
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4:25 AM 8/26/2024

4. Create jenkins freestyle pipeline- spring pet clinic jar creation



The image shows two screenshots of the Jenkins web interface. The top screenshot is the 'New Item' page, where the item name 'pet' is entered. The 'Freestyle project' option is selected. The bottom screenshot is the 'Configure' page for the 'pet' job, showing the 'Source Code Management' tab with the repository URL 'git@github.com:Bhavani-23/spring-petclinic.git' and the 'git' credential selected.

New Item

Enter an item name

pet

Select an item type

Freestyle project
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

OK

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Git

Repositories

Repository URL ?

git@github.com:Bhavani-23/spring-petclinic.git

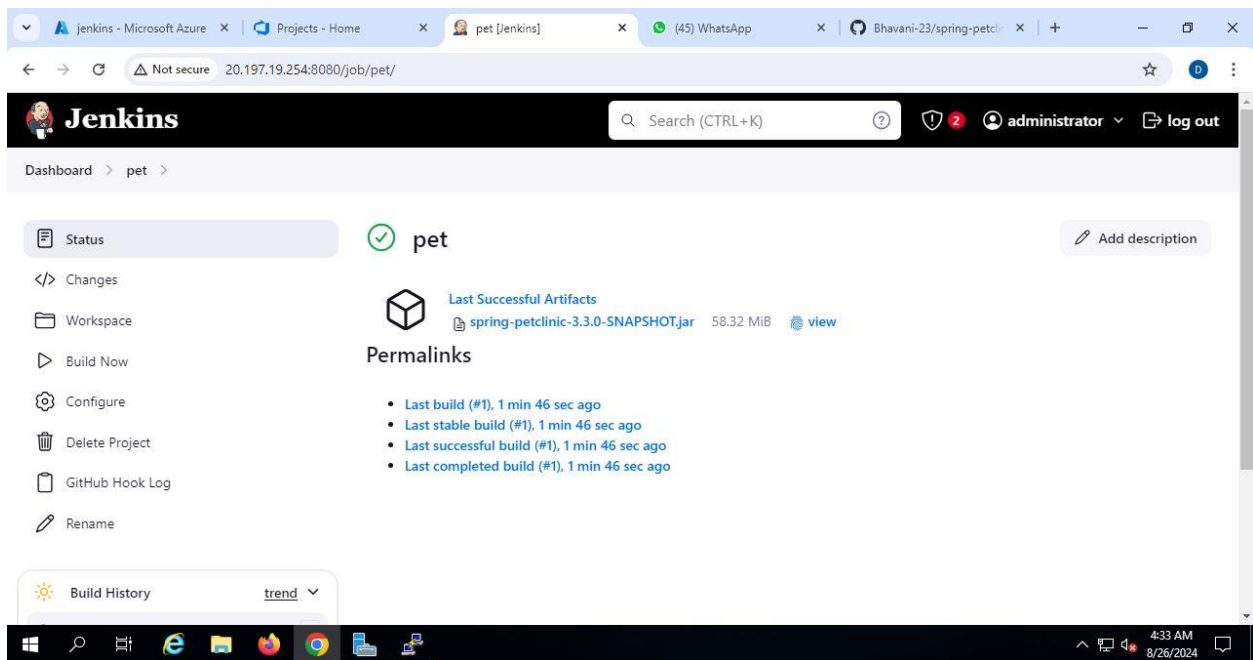
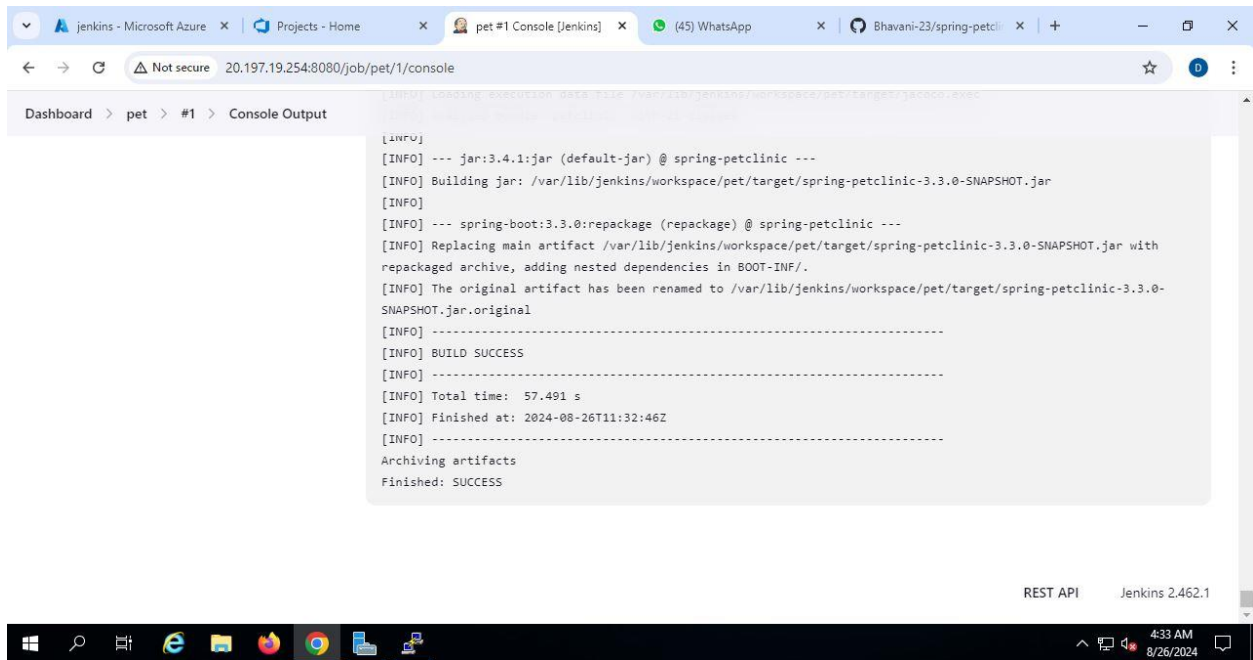
Credentials ?

git

+ Add

Advanced

Save Apply



3. bitbucket

- create a project**
- create a repo**
- push existing code**
- create a branch**
- demonstrate pull request**

bitbucket.org/durgabhavanipeddada/workspace/create/project

Create a project

Workspace durgabhavanipeddada

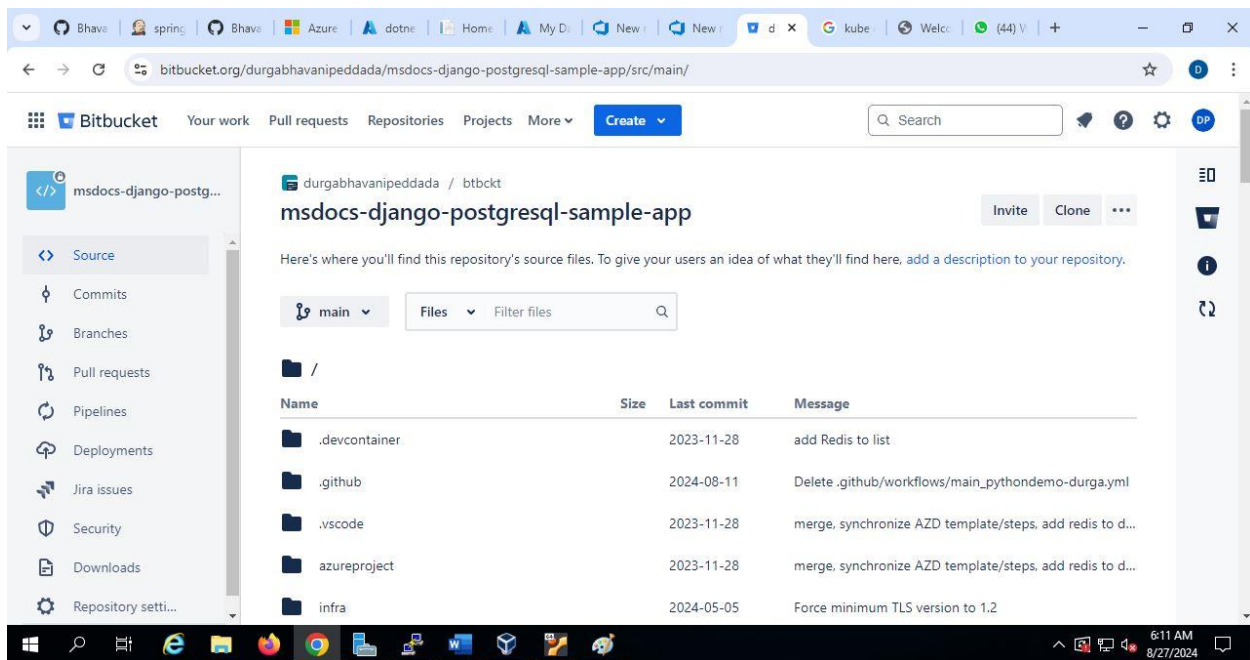
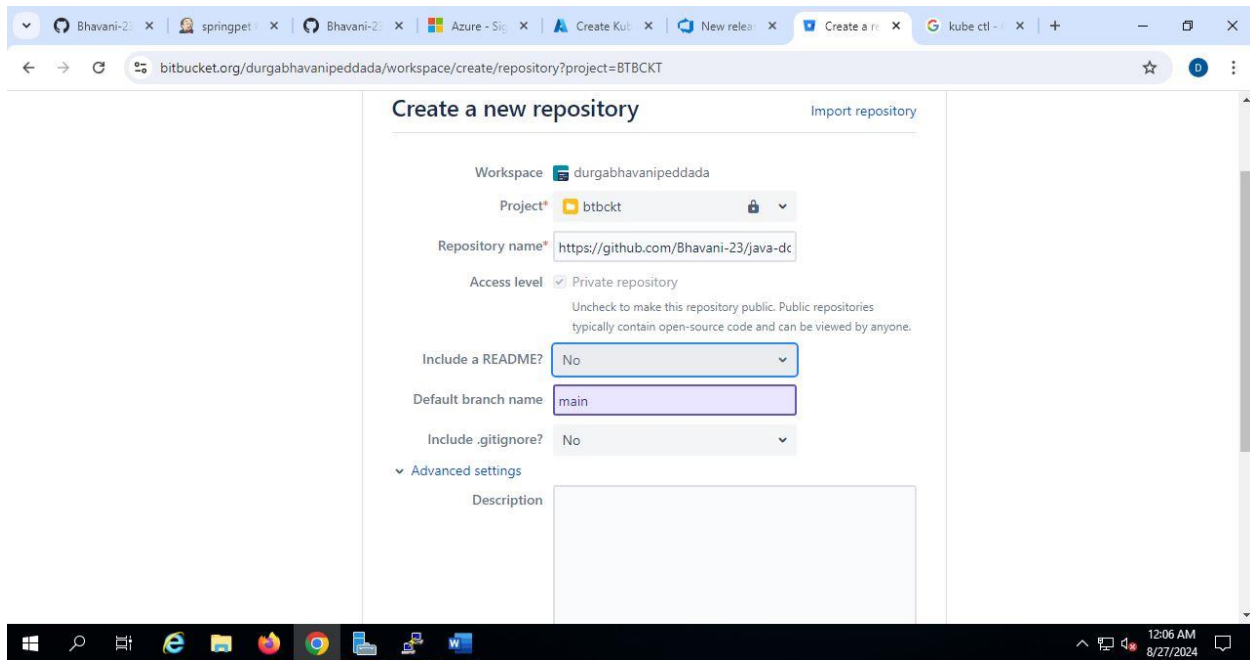
Name*

Key*
Eg. AT (for a project named Atlassian)

Description

Privacy ☒ Private project
Private projects are only visible to your workspace and anyone who has direct access to a repository in the project.

Project avatar



Bitbucket interface showing the 'msdocs-django-postg...' repository. The 'Branches' tab is active, displaying a table of branches:

Branch	Behind	Ahead	Updated	Pull request	Builds	Actions
main	MAIN	DEVELOPMENT	6 hours ago			...
dev		0 1	6 hours ago	Create		...

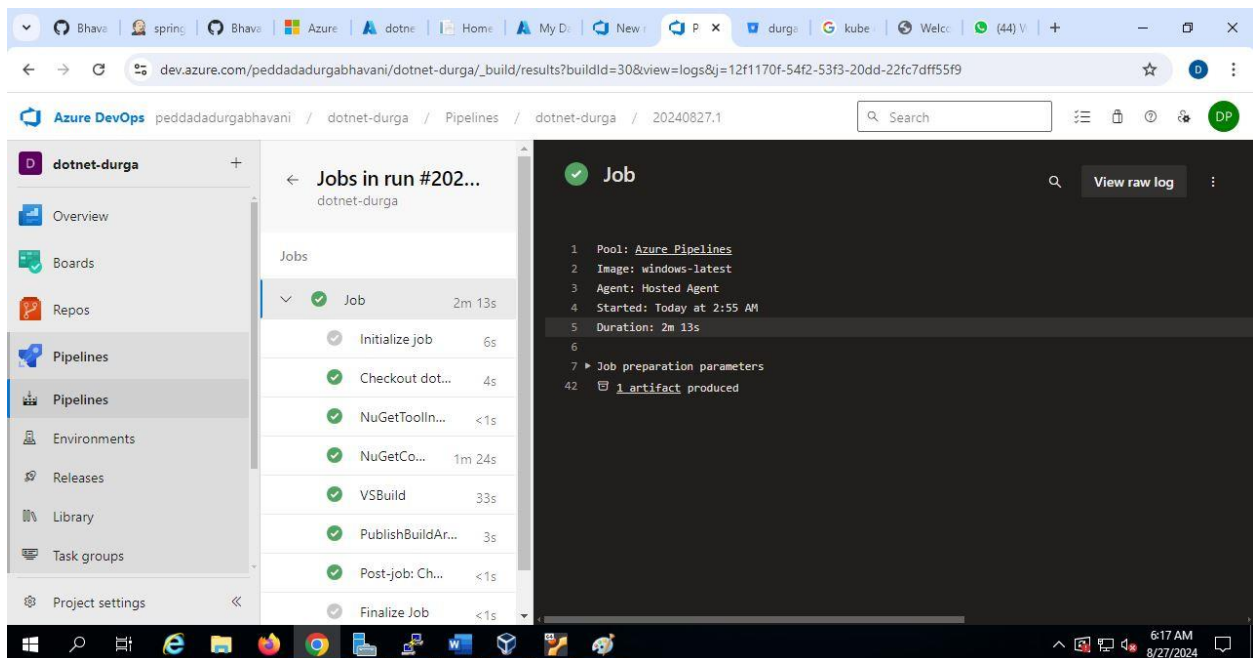
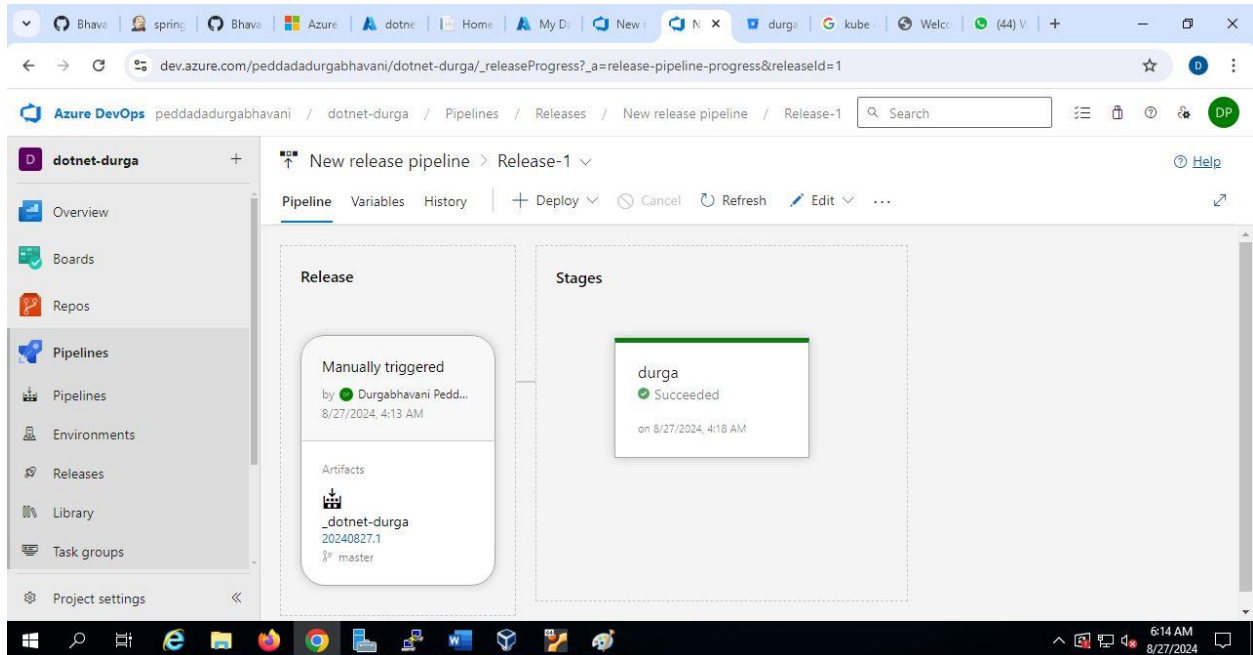
The interface includes a sidebar with navigation options like Source, Commits, Branches, Pull requests, Pipelines, Deployments, Jira issues, Security, and Downloads. The top navigation bar shows 'Your work', 'Pull requests', 'Repositories', 'Projects', and 'More'.

Bitbucket interface showing the 'msdocs-django-postg...' repository. The 'Pull requests' tab is active, displaying a merged pull request:

Merged pull request
Merged in main (pull request #1)
f9840d6 · Author: Durgabhavani Peddada · Closed by: Durgabhavani Peddada · 4 seconds ago

The interface includes a sidebar with navigation options like Source, Commits, Branches, Pull requests, Pipelines, Deployments, Jira issues, Security, and Downloads. The top navigation bar shows 'Your work', 'Pull requests', 'Repositories', 'Projects', and 'More'.

1. deploy .net app in azure dev ops from azure demo generator



Microsoft Azure portal showing the 'dotnet-durga' Web App resource. The left sidebar lists 'All resources' under the 'Default Directory'. The main content area displays the 'Overview' tab for the 'dotnet-durga' Web App, showing details such as Resource group (dotnet-training), Status (Running), Location (Central India), and Subscription ID (728e6ace-eff8-43f6-9f7c-8e6496a8da77). The bottom taskbar shows the Windows operating system with various application icons.

Screenshot of the 'dotnet-durga.azurewebsites.net' web application. The page displays a 'Welcome' message and a link to 'Learn about building Web apps with ASP.NET Core.' The top navigation bar includes 'Movie App', 'Home', and 'Privacy'. The bottom taskbar shows the Windows operating system with various application icons.