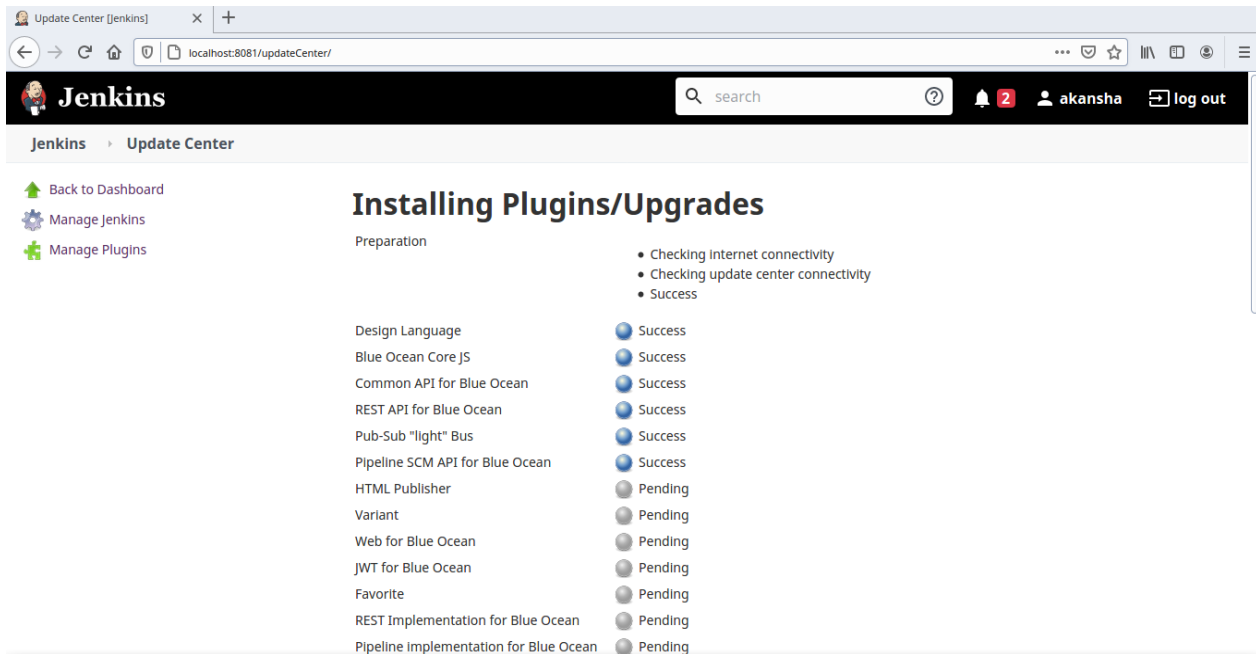


Experiment No. 7

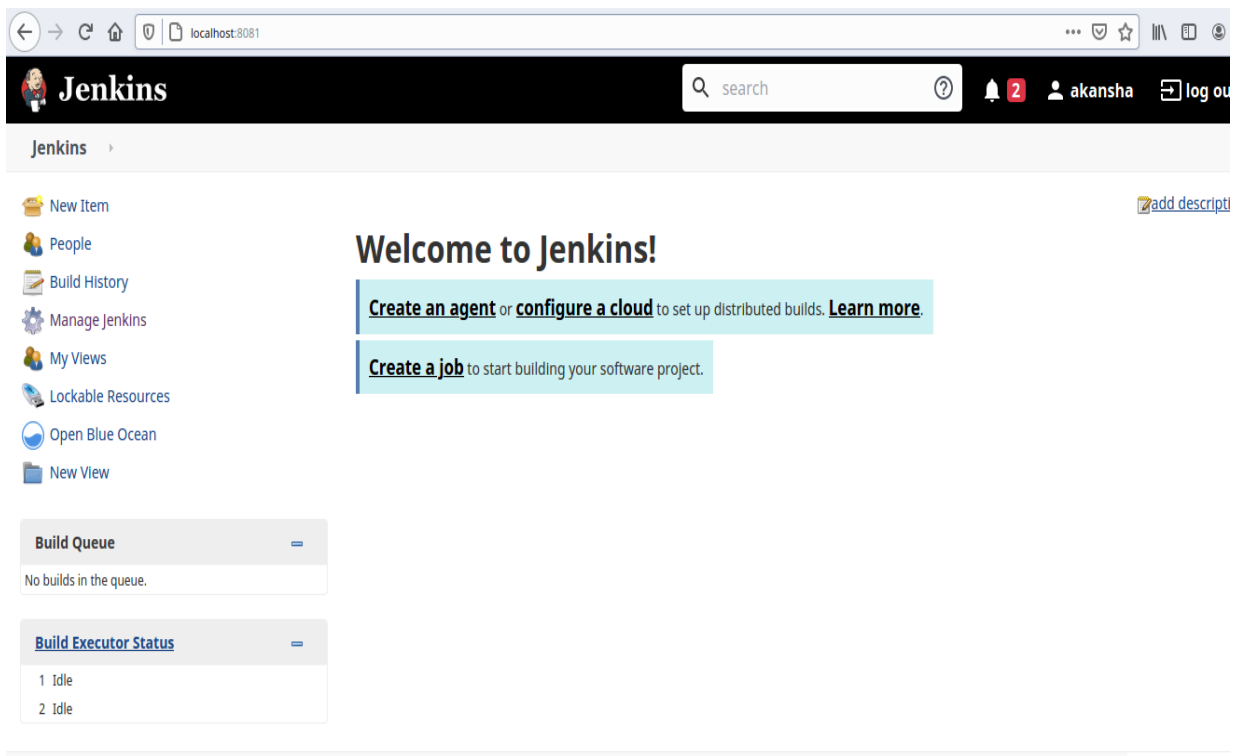
Create pipeline using Blue Ocean Plugin

Installing Blue Ocean plugin:



The screenshot shows the Jenkins Update Center interface. The left sidebar contains links: "Back to Dashboard", "Manage Jenkins", and "Manage Plugins". The main content area is titled "Installing Plugins/Upgrades". It lists various plugins and their installation status:

Plugin Name	Status
Preparation	• Checking Internet connectivity • Checking update center connectivity • Success
Design Language	Success
Blue Ocean Core JS	Success
Common API for Blue Ocean	Success
REST API for Blue Ocean	Success
Pub-Sub "light" Bus	Success
Pipeline SCM API for Blue Ocean	Success
HTML Publisher	Pending
Variant	Pending
Web for Blue Ocean	Pending
JWT for Blue Ocean	Pending
Favorite	Pending
REST Implementation for Blue Ocean	Pending
Pipeline Implementation for Blue Ocean	Pending



The screenshot shows the Jenkins main dashboard. The left sidebar contains links: "New Item", "People", "Build History", "Manage Jenkins", "My Views", "Lockable Resources", "Open Blue Ocean", and "New View". The main content area is titled "Welcome to Jenkins!". It contains two blue boxes with instructions:

- Create an agent** or **configure a cloud** to set up distributed builds. [Learn more.](#)
- Create a job** to start building your software project.

Below the welcome message, there are two sections:

- Build Queue**: No builds in the queue.
- Build Executor Status**:
 - 1 Idle
 - 2 Idle

Jenkinsfile upload on github:

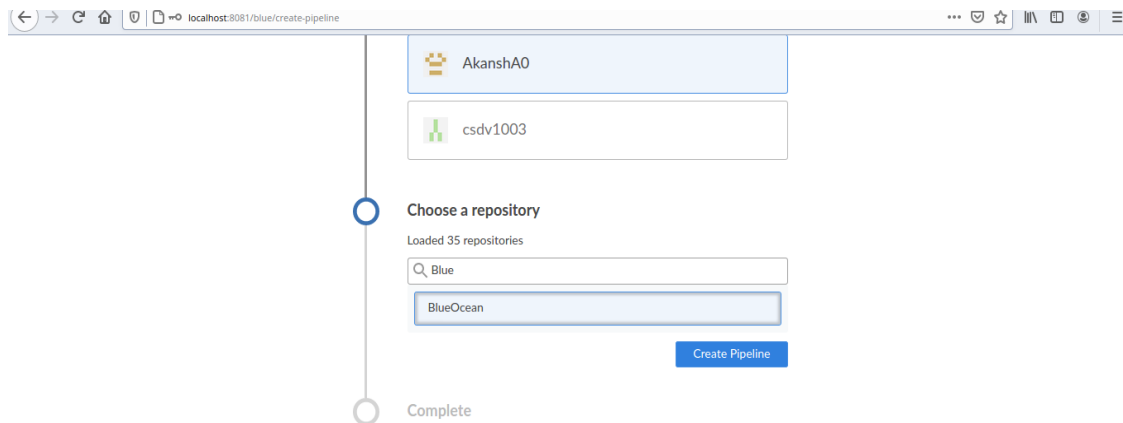
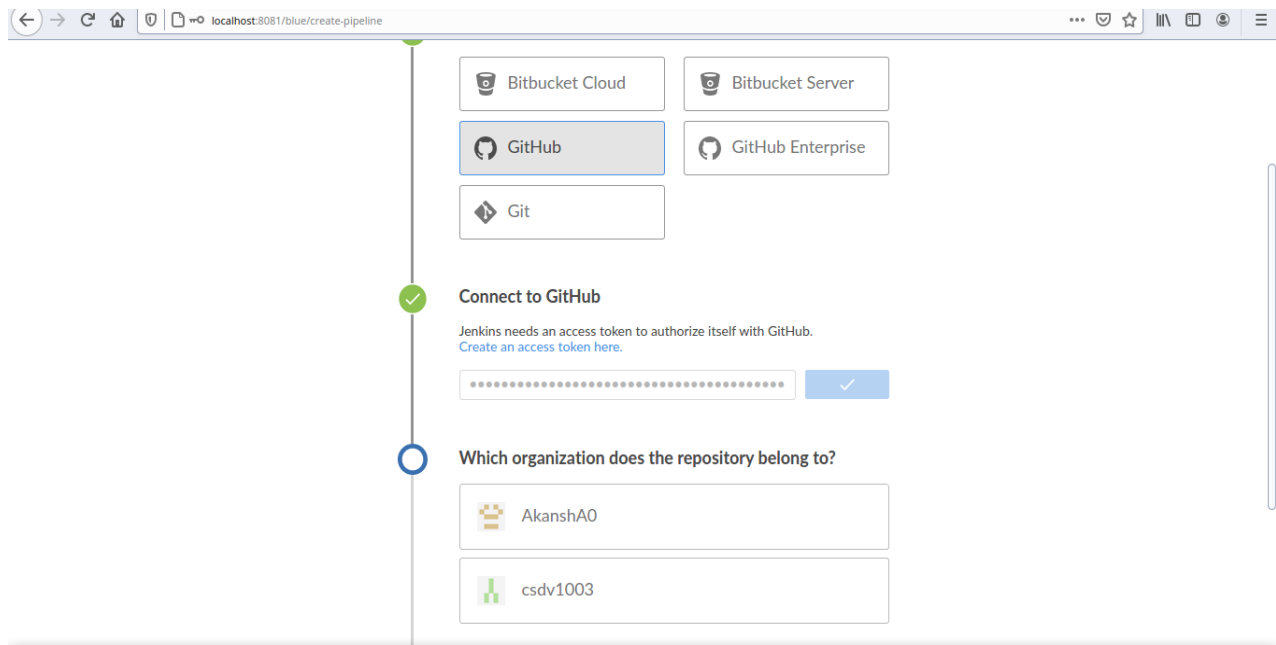
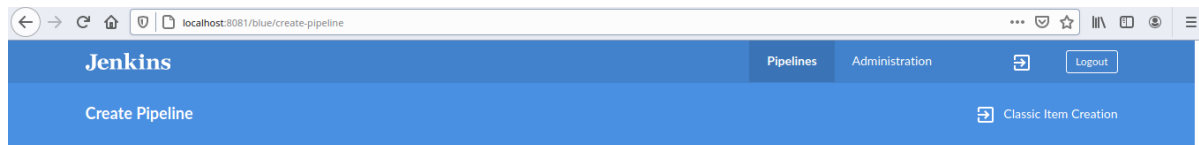
The screenshot shows the GitHub repository page for **AkanshA0 / BlueOcean**. The repository is private and has 1 star and 0 forks. The main content area shows a commit history with one commit: **AkanshA0 Create jenkinsfile** (9f762da, 7 minutes ago, 1 commit). Below the commit history, there is a button to **Add a README**. The right sidebar contains sections for **About** (No description, website, or topics provided), **Releases** (No releases published, [Create a new release](#)), and **Packages** (No packages published, [Publish your first package](#)).

Jenkinsfile:

The screenshot shows the content of the **Jenkinsfile** in the repository. The file is 20 lines long (20 sloc) and 306 Bytes. The content is as follows:

```
1 pipeline{
2   agent any
3   stages{
4     stage('Build'){
5       steps{
6         echo 'Build Stage'
7       }
8     }
9     stage('Test'){
10      steps{
11        echo 'Test Stage'
12      }
13    }
14    stage('Clean'){
15      steps{
16        echo 'Clean stage'
17      }
18    }
19  }
20 }
```

Github authorization and repository integration:



Create Pipeline using blue ocean plugin:

← → ↺ 🏠 🔒

localhost:8081/blue/organizations/jenkins/BlueOcean/activity

⋮ 🔒 ⭐ 📄 👤 ☰

Jenkins

PipelinesAdministration

🔗 Logout

🌊 BlueOcean ⭐ ⚙️

ActivityBranchesPull Requests

STATUS	RUN	COMMIT	BRANCH	MESSAGE	DURATION	COMPLETED
🔄	1	a0f9ef9	master	Branch indexing	5s	-

1.24.0 · Core 2.235.5 · 0e80c1a · 18th September 2020 07:47 AM

← → ↺ 🏠 🔒

localhost:8081/blue/organizations/jenkins/BlueOcean/activity

⋮ 🔒 ⭐ 📄 👤 ☰

Jenkins

PipelinesAdministration

🔗 Logout

🌊 BlueOcean ⭐ ⚙️

ActivityBranchesPull Requests

STATUS	RUN	COMMIT	BRANCH	MESSAGE	DURATION	COMPLETED
✅	3	a0f9ef9	master	Replayed #2	15s	a few seconds ago ↺
❌	2	a0f9ef9	master	Replayed #1	9s	12 minutes ago ↺
❌	1	a0f9ef9	master	Branch indexing	11s	15 minutes ago ↺

1.24.0 · Core 2.235.5 · 0e80c1a · 18th September 2020 07:47 AM

Pipeline created:

BlueOcean < 3

PipelineChangesTestsArtifactsLogout

Branch: master15sNo changes
Commit: a0f9ef92 minutes agoReplayed #2

Start

Build

Test

Clean

End

Build - <1s

Restart Build

> Check out from version control8s

Build Stage - Print Message<1s

1Build Stage

BlueOcean < 3

PipelineChangesTestsArtifactsLogout

Branch: master15sNo changes
Commit: a0f9ef92 minutes agoReplayed #2

Start

Build

Test

Clean

End

Clean - <1s

Restart Clean

Clean stage - Print Message<1s

1Clean stage