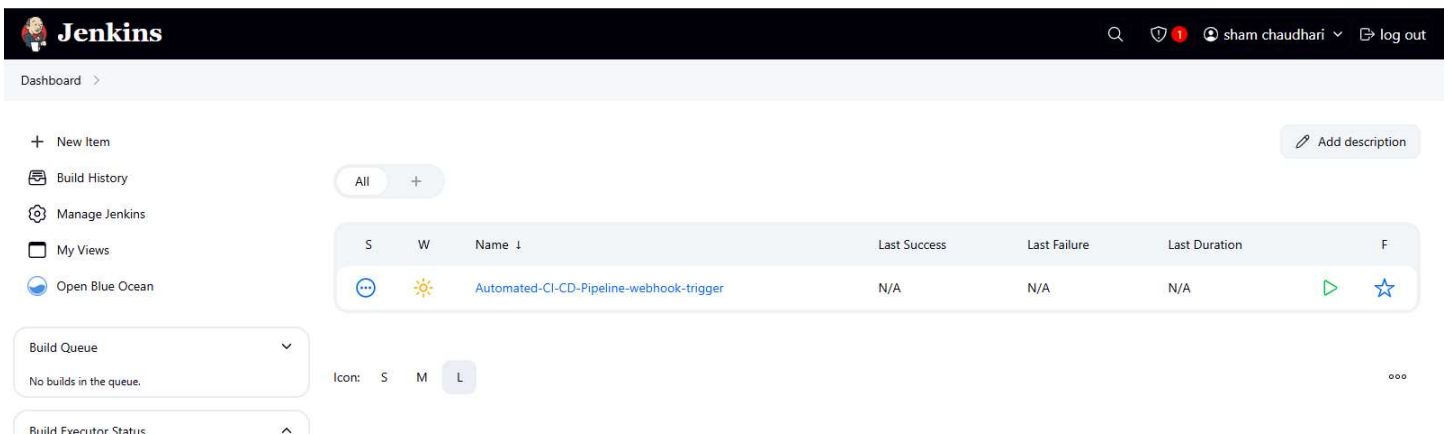
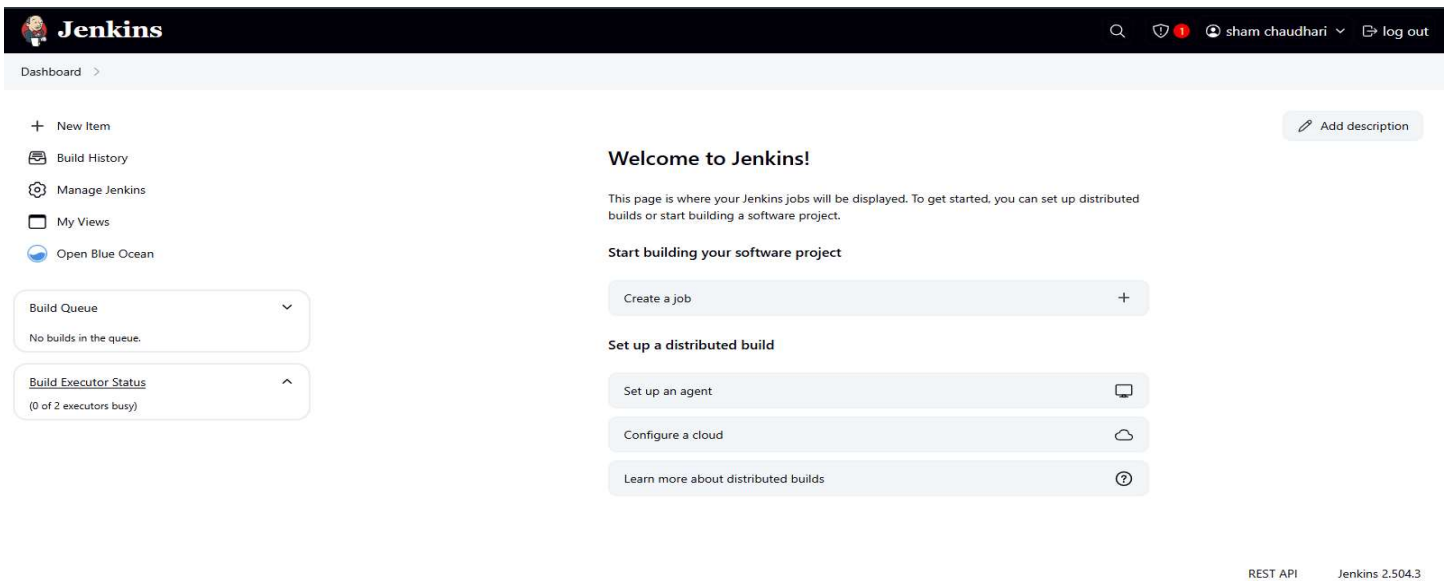
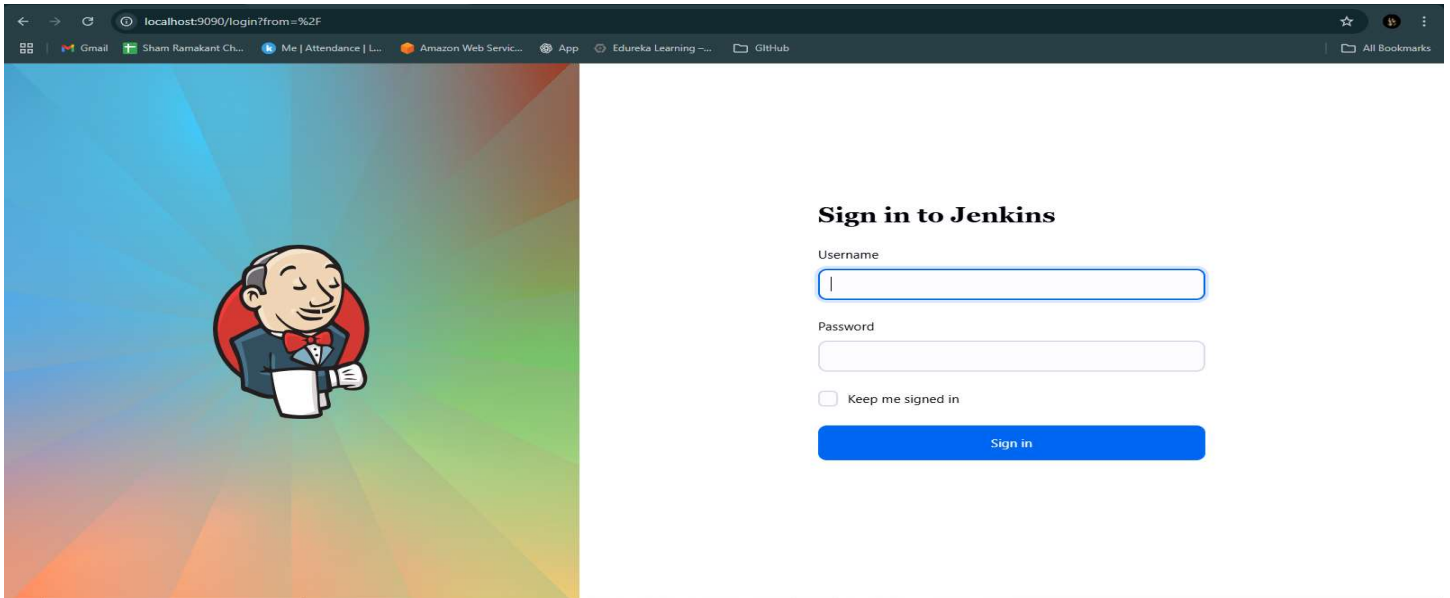
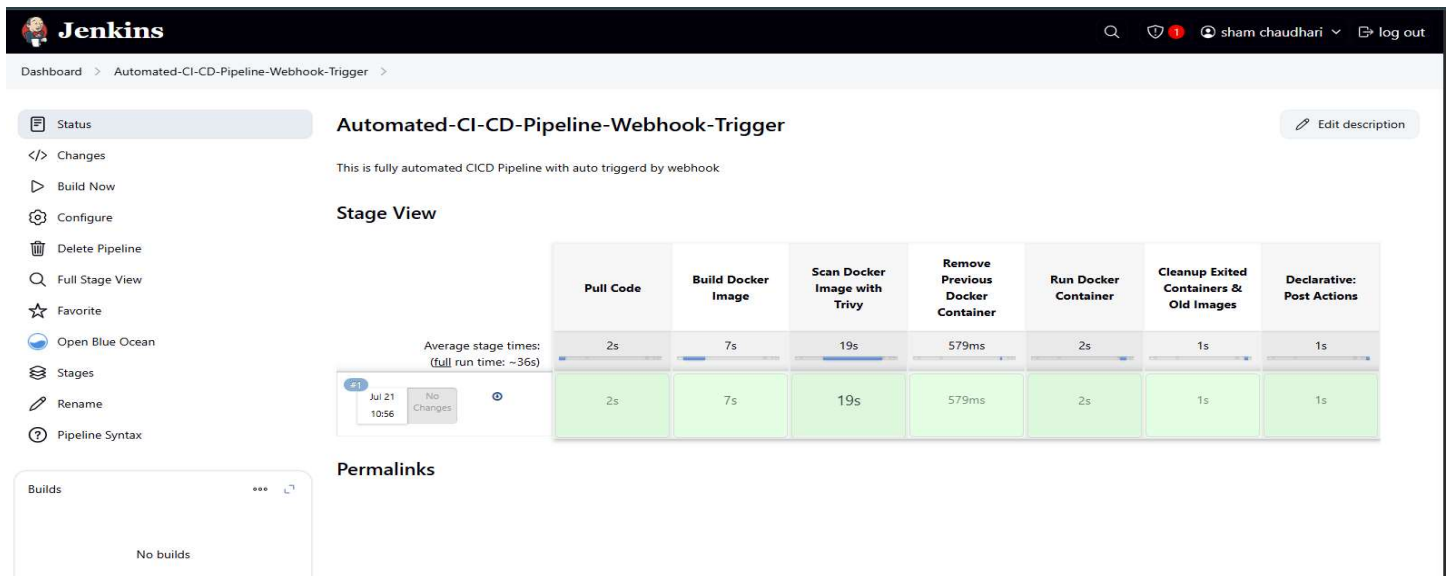


Automated Build and Deploy Pipeline Using Jenkins with Git Webhook Integration

1. Jenkins Pipeline Configuration.



2. Build Docker Image and Run container: Manual build trigger.



The Jenkins dashboard shows the configuration for the 'Automated-CI-CD-Pipeline-Webhook-Trigger' pipeline. The left sidebar contains navigation links: Status, Changes, Build Now, Configure, Delete Pipeline, Full Stage View, Favorite, Open Blue Ocean, Stages, Rename, and Pipeline Syntax. The main area displays the pipeline's description, stage view, and permalinks.

Automated-CI-CD-Pipeline-Webhook-Trigger

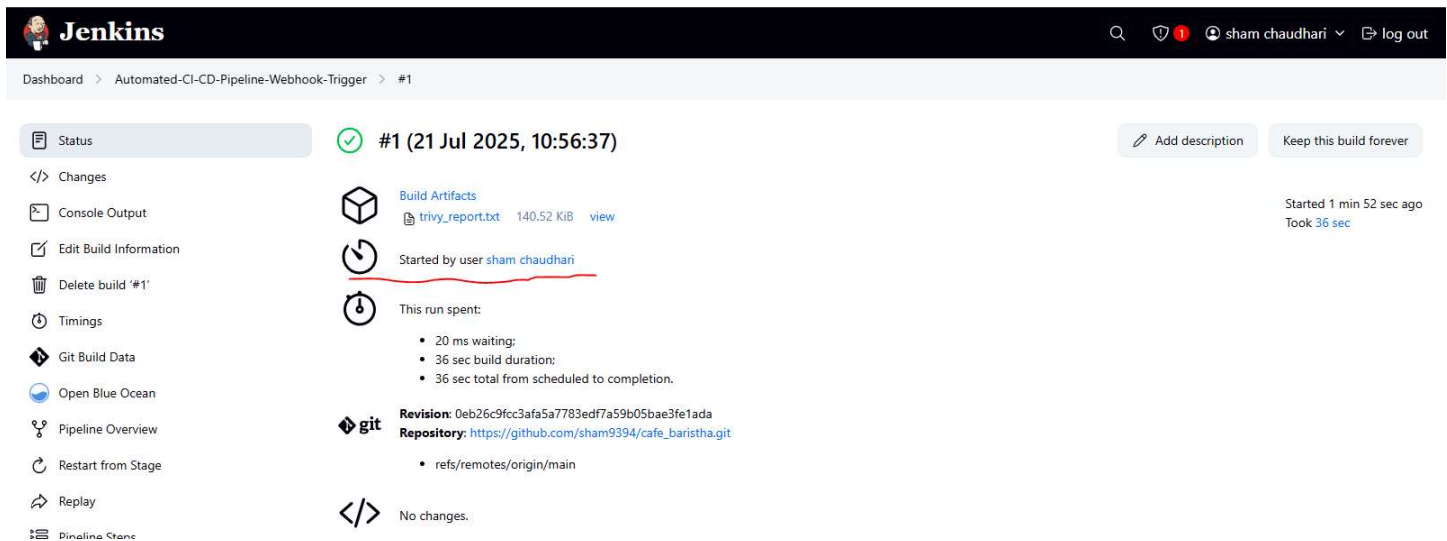
This is fully automated CI/CD Pipeline with auto triggered by webhook

Stage View

	Pull Code	Build Docker Image	Scan Docker Image with Trivy	Remove Previous Docker Container	Run Docker Container	Cleanup Exited Containers & Old Images	Declarative: Post Actions
Average stage times: (full run time: ~36s)	2s	7s	19s	579ms	2s	1s	1s
#1 Jul 21 10:56 No Changes	2s	7s	19s	579ms	2s	1s	1s

Permalinks

Builds: No builds



The Jenkins build view shows the details for build #1, which completed successfully on July 21, 2025, at 10:56:37. The left sidebar contains navigation links: Status, Changes, Console Output, Edit Build Information, Delete build '#1', Timings, Git Build Data, Open Blue Ocean, Pipeline Overview, Restart from Stage, Replay, and Pipeline Stage.

#1 (21 Jul 2025, 10:56:37)

Build Artifacts: [trivy_report.txt](#) 140.52 KiB [view](#)

Started by user [sham chaudhari](#)

This run spent:

- 20 ms waiting;
- 36 sec build duration;
- 36 sec total from scheduled to completion.

Revision: 0eb26c9fcc3afa5a7783edf7a59b05bae3fe1ada
Repository: https://github.com/sham9394/cafe_baristha.git

- refs/remotes/origin/main

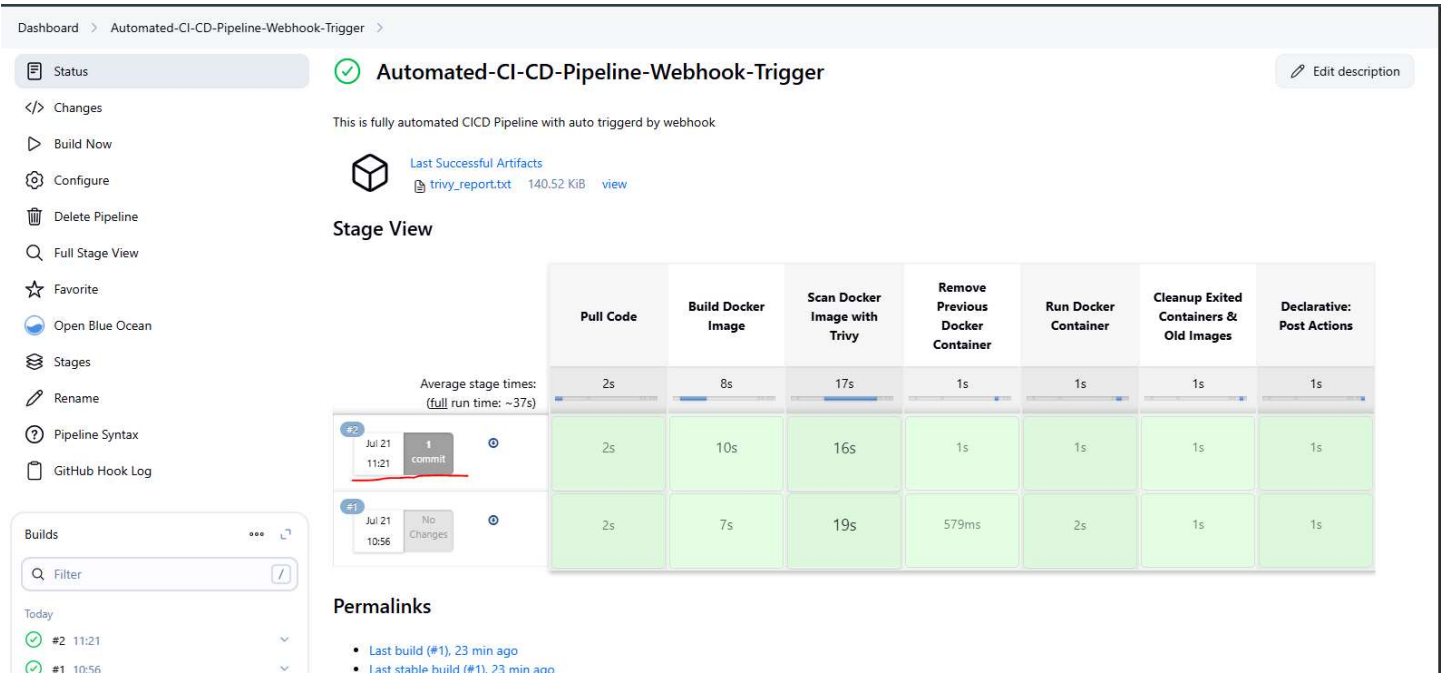
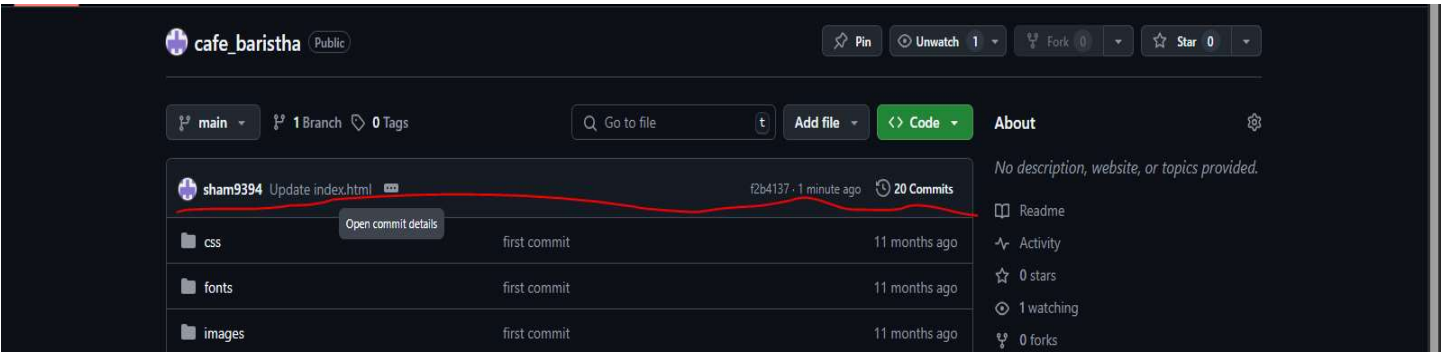
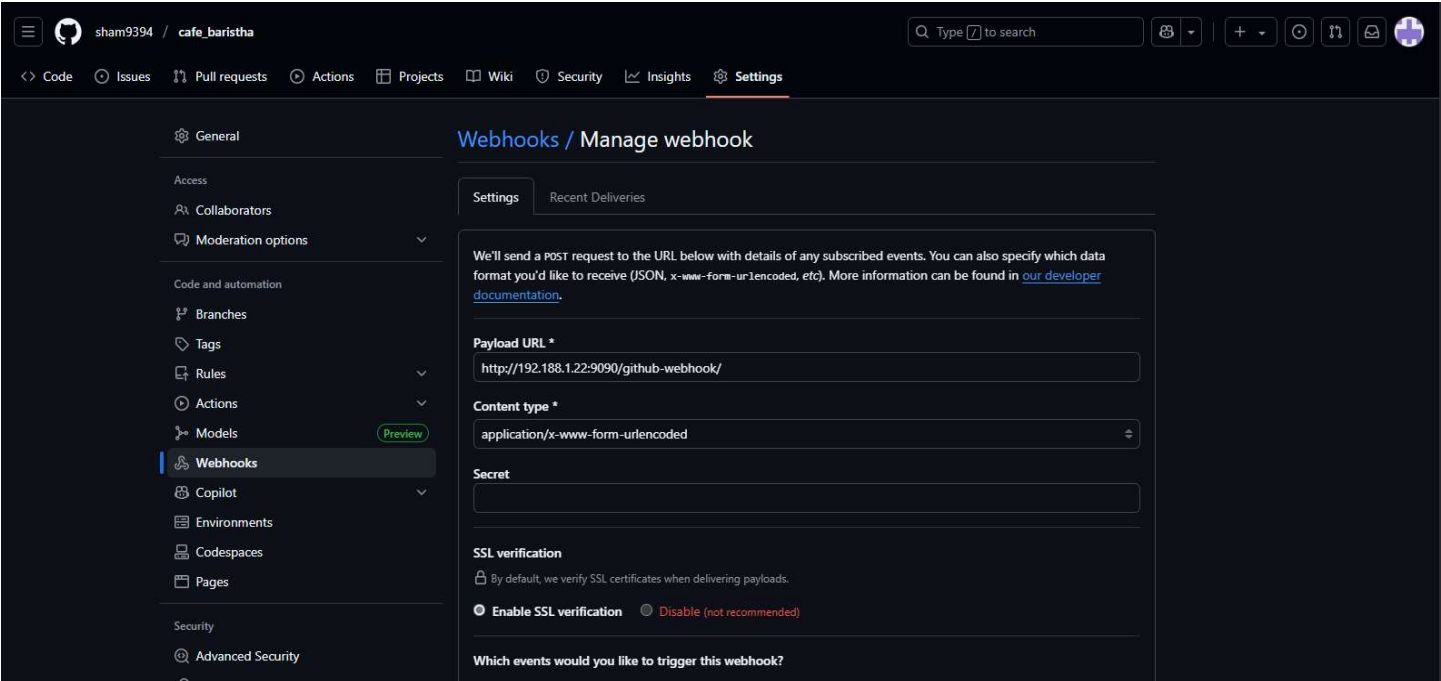
No changes.

Started 1 min 52 sec ago
Took 36 sec



3. Integration Webhook Action for Automated Build: On New Code Commit.

Configure GitHub Webhook



Jenkins

Dashboard > Automated-CI-CD-Pipeline-Webhook-Trigger > #2

Status

Changes

Console Output

Edit Build Information

Delete build '#2'

Polling Log

Timings

Git Build Data

Open Blue Ocean

Pipeline Overview

Restart from Stage

Replay

#2 (21 Jul 2025, 11:21:08)

Build Artifacts

trivy_report.txt 140.52 KiB view

Started by GitHub push by sham9394

This run spent:

- 6 sec waiting;
- 38 sec build duration;
- 44 sec total from scheduled to completion.

Revision: f2b41372ad3160b37c2537a2bd13a27623813fde

Repository: https://github.com/sham9394/cafe_baristha.git

- refs/remotes/origin/main

Changes

1. Update index.html (details / githubweb)

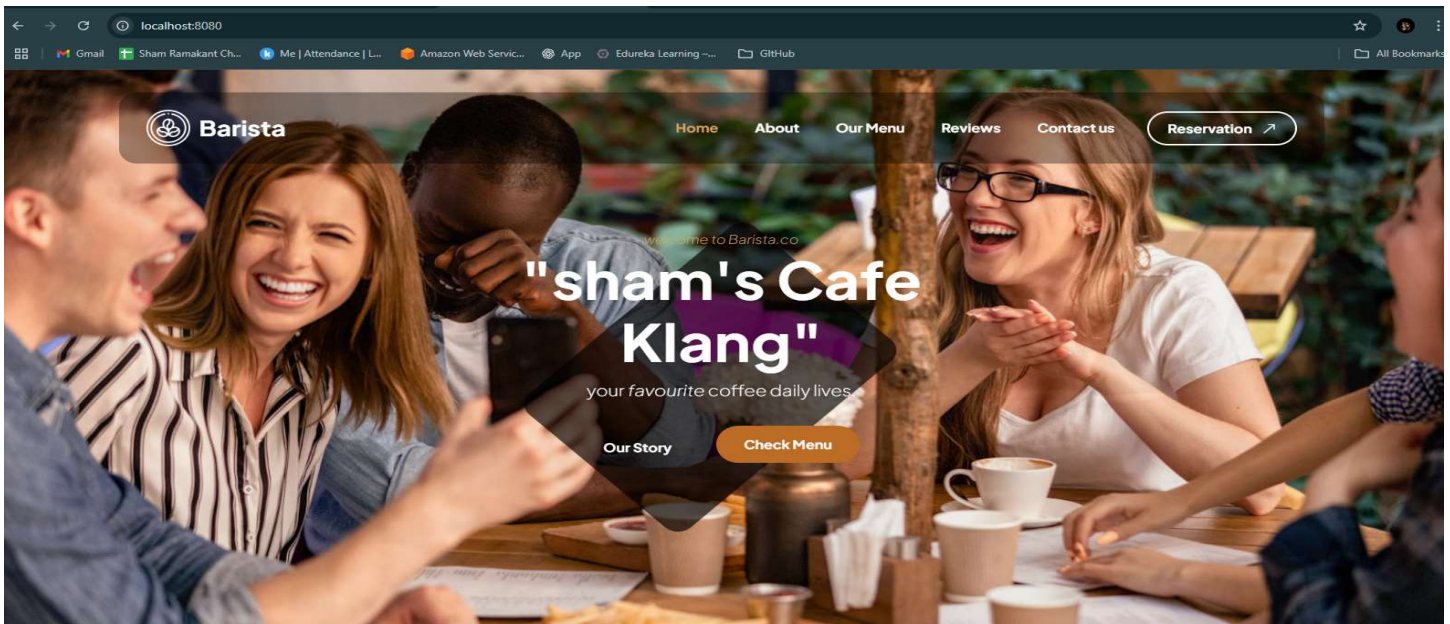
Add description

Keep this build forever

Started 2 min 44 sec ago

Took 38 sec

Automated Deployment Done: Reflecting Changes on Website.



Jenkins

Dashboard > Automated-CI-CD-Pipeline-Webhook-Trigger > GitHub Hook Log

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Favorite

Open Blue Ocean

Stages

Rename

Pipeline Syntax

GitHub Hook Log

Last GitHub Push

Started on Jul 21, 2025, 11:21:01 AM

Started by event from 140.82.115.249 => <https://445e14a478f2.ngrok-free.app:9090/github-webhook/> on Mon Jul 21 11:21:01 IST 2025

Using strategy: Default

[poll] Last Built Revision: Revision @eb26c9fcc3afa5a7783edf7a59b05bae3fe1ada (refs/remotes/origin/main)

The recommended git tool is: NONE

No credentials specified

> git.exe --version # timeout=10

> git --version # 'git version 2.50.0.windows.2'

> git.exe ls-remote -h -- https://github.com/sham9394/cafe_baristha.git # timeout=10

Found 1 remote heads on https://github.com/sham9394/cafe_baristha.git

[poll] Latest remote head revision on refs/heads/main is: f2b41372ad3160b37c2537a2bd13a27623813fde

Done. Took 1.1 sec

Changes found