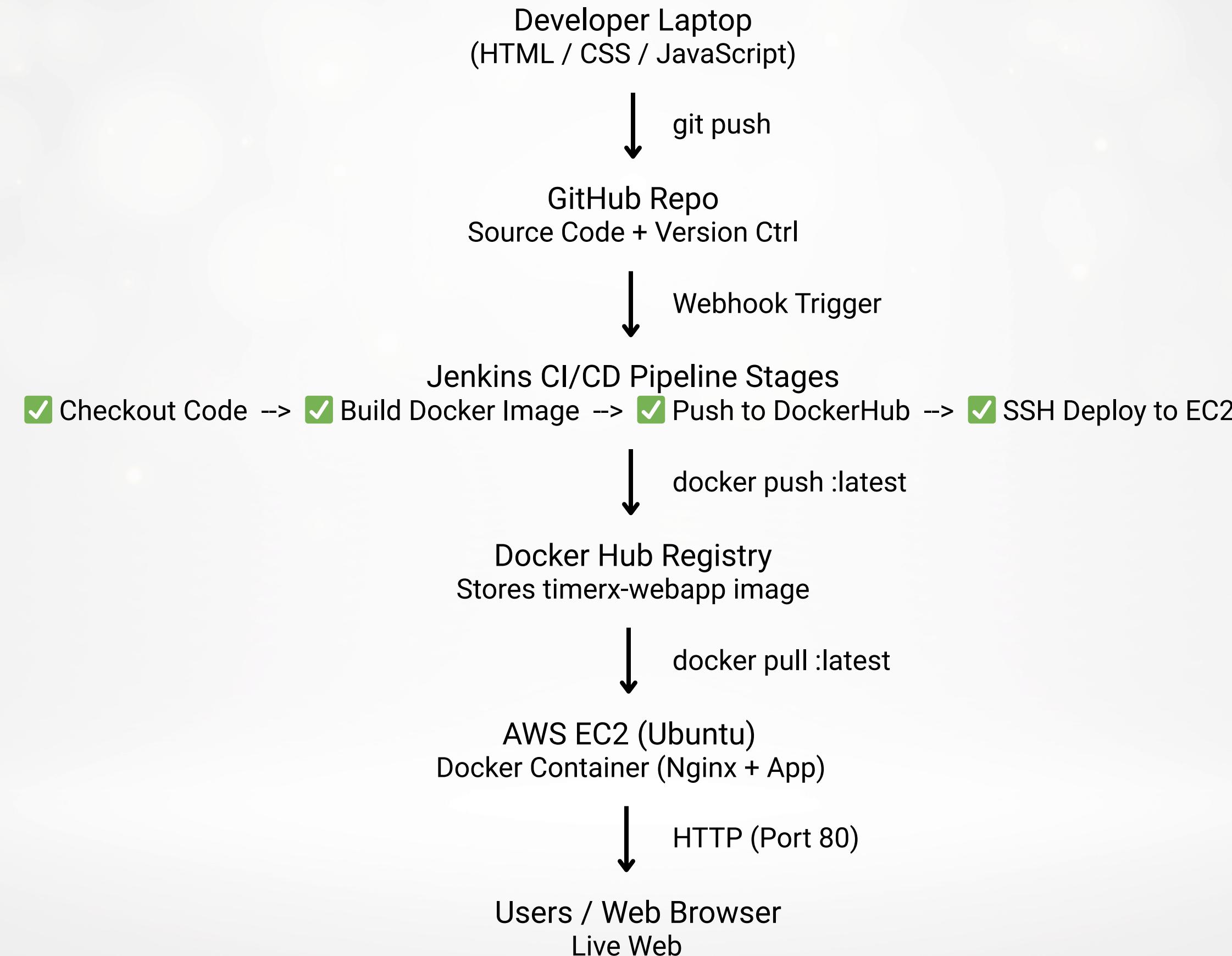
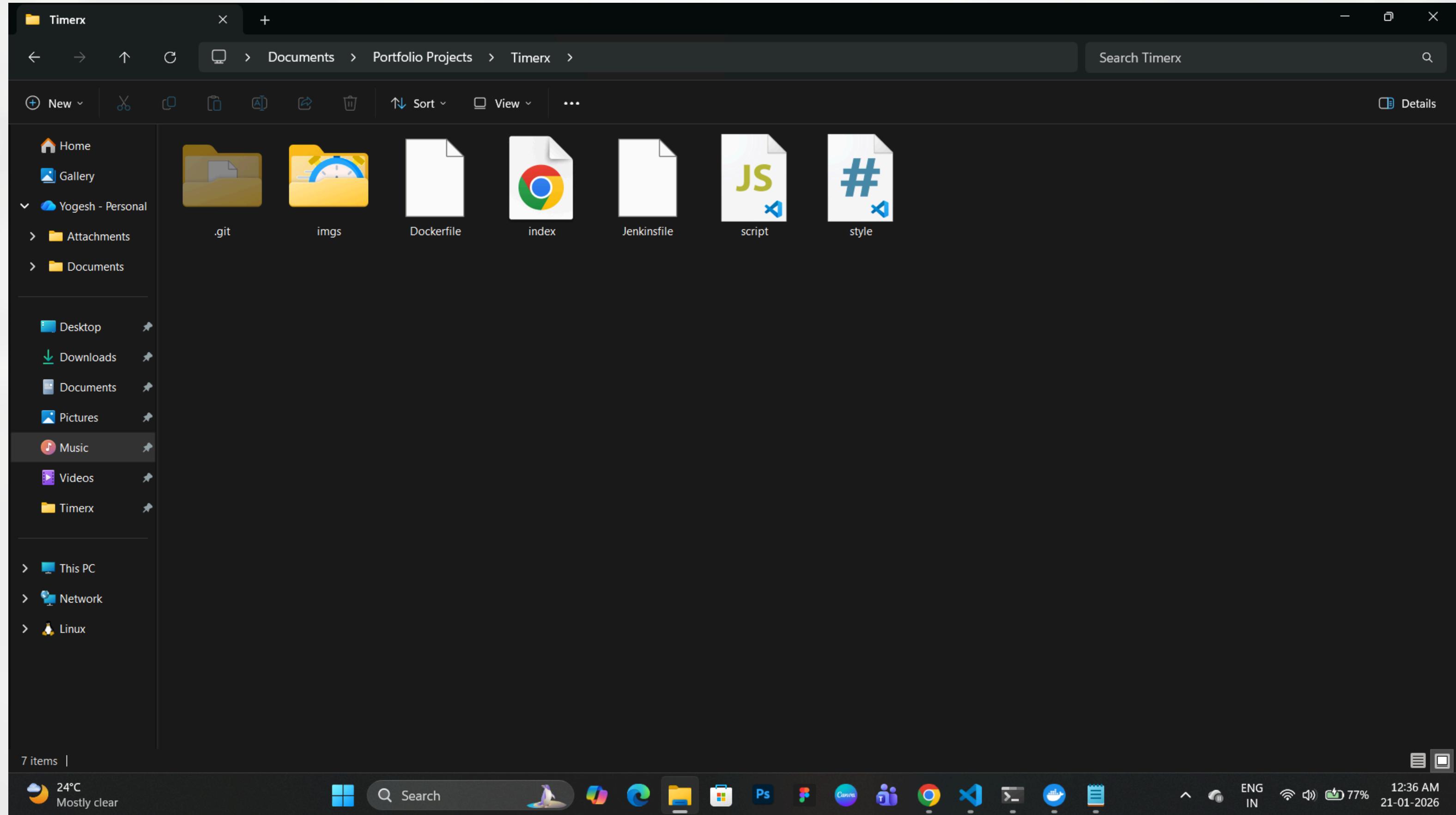


TIMERX - ARCHITECTURE



Local Repo:



Remote Repo:

The screenshot shows a GitHub repository page for 'timerx-webapp' (Public). The repository has 1 branch and 0 tags. The main branch contains 16 commits from 'yogeshrajendran-24' (b269ca4 · 6 minutes ago). The commits include adding icons, creating Dockerfile, Jenkinsfile, README.md, index.html, script.js, and style.css. The repository description is 'Simple Web App for the Devops process'. It has 0 stars, 0 watching, and 0 forks. There are sections for Releases (No releases published), Packages (No packages published), and Languages (JavaScript 43.9%, CSS 29.9%). The bottom of the screen shows a taskbar with various application icons and system status.

github.com/yogeshrajendran-24/timerx-webapp/tree/main

yogeshrajendran-24 / timerx-webapp

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

timerx-webapp Public

main 1 Branch 0 Tags

Go to file Add file Code About

yogeshrajendran-24 Update Jenkinsfile b269ca4 · 6 minutes ago 16 Commits

imgs icon added 49 minutes ago

Dockerfile Create Dockerfile 2 hours ago

Jenkinsfile Update Jenkinsfile 6 minutes ago

README.md Create README.md 35 minutes ago

index.html icon added 49 minutes ago

script.js files added 2 hours ago

style.css files added 2 hours ago

README

TimerX — Free Online Timer Web App

24°C Mostly clear

Search

12:37 AM 21-01-2026

ENG IN 78%

Jenkins CI/CD Pipeline Stages:

Not secure 3.236.120.174:8080/job/timerx-webapp/20/pipeline-overview/

 Jenkins / timerx-webapp / #20 / Pipeline Overview

✓ < #20 Rerun ⚙️ ⚡

⌚ Started 1 min 20 sec ago ⏱ Queued 8 sec ⏳ Took 13 sec ⚡ Changes

Graph

```
graph LR; Start((Start)) --> SCM[Checkout SCM]; SCM --> Code[Checkout Code]; Code --> Build[Build Docker Image]; Build --> DockerHub[Login to DockerHub]; DockerHub --> Push[Push Image to...]; Push --> Deploy[Deploy to AWS EC2]; Deploy --> End((End))
```

Search

Deploy to AWS EC2 3.4s Started 1m 15s ago Jenkins ⚡

Checkout SCM 0.34s
Checkout Code 0.29s
Build Docker Image 0.86s
Login to DockerHub 0.42s
Push Image to DockerHub 6.3s
Deploy to AWS EC2 3.4s

ssh -o StrictHostKeyChecking=no ubuntu@3.236.120.174 ' docker pull docker.io/yogeshrajendran/timerx-webapp:latest && docker ...'

```
0 + ssh -o StrictHostKeyChecking=no ubuntu@3.236.120.174
1 docker pull docker.io/yogeshrajendran/timerx-webapp:latest &&
2 docker stop timerx-webapp || true &&
3 docker rm timerx-webapp || true &&
4 docker run -d --name timerx-webapp -p 80:80 docker.io/yogeshrajendran/timerx-webapp:latest
5
6 latest: Pulling from yogeshrajendran/timerx-webapp
```

Air: Moderate Next Tuesday

Search ⌂ Ps Figma Canvas Microsoft Teams Google Chrome Microsoft Edge WhatsApp

ENG IN 46% 08:37 PM 25-01-2026

AWS EC2 (Ubuntu):

The screenshot shows the AWS EC2 Instance Details page for an Ubuntu instance. The instance ID is i-0708a5da7f14602a2, named timerx-webapp. The instance is running and has a public IPv4 address of 3.236.120.174 and a private IP of 172.31.74.21. It is associated with a t3.micro instance type, VPC ID vpc-0edbce4a1029da763, and Subnet ID subnet-0357050ef98179d1d. The instance ARN is arn:aws:ec2:us-east-1:650246453294:instance/i-0708a5da7f14602a2.

Instance summary for i-0708a5da7f14602a2 (timerx-webapp)

Updated less than a minute ago

Category	Value
Instance ID	i-0708a5da7f14602a2
IPv6 address	-
Hostname type	IP name: ip-172-31-74-21.ec2.internal
Answer private resource DNS name	IPv4 (A)
Auto-assigned IP address	3.236.120.174 [Public IP]
IAM Role	-
IMDSv2	Required
Operator	-
Public IPv4 address	3.236.120.174 open address
Instance state	Running
Private IP DNS name (IPv4 only)	ip-172-31-74-21.ec2.internal
Instance type	t3.micro
VPC ID	vpc-0edbce4a1029da763
Subnet ID	subnet-0357050ef98179d1d
Instance ARN	arn:aws:ec2:us-east-1:650246453294:instance/i-0708a5da7f14602a2
Private IPv4 addresses	172.31.74.21
Public DNS	ec2-3-236-120-174.compute-1.amazonaws.com open address
Elastic IP addresses	-
AWS Compute Optimizer finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto Scaling Group name	-
Managed	false

EC2

- Dashboard
- EC2 Global View
- Events
- Instances
 - Instances
 - Instance Types
 - Launch Templates
 - Spot Requests
 - Savings Plans
 - Reserved Instances
 - Dedicated Hosts
 - Capacity Reservations
 - Capacity Manager [New](#)
- Images
 - AMIs
 - AMI Catalog
- Elastic Block Store
 - Volumes
 - Snapshots
 - Lifecycle Manager
- Network & Security

Details Status and alarms Monitoring Security Networking Storage Tags

CloudShell Feedback Console Mobile App

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Light rain At night

08:35 PM
25-01-2026
ENG IN 46%

Docker Hub Registry:

The screenshot shows a Docker Hub Registry page for the repository `yogeshrajendran/timerx-webapp`. The page includes a sidebar for the user `yogeshrajendran`, a search bar, and tabs for General, Tags, Image Management, Collaborators, Webhooks, and Settings. The General tab is selected, showing 4 tags: `build-19`, `latest`, `build-18`, `build-17`, and `build-16`. The `build-19` tag was pushed less than 1 day ago and pulled 1 minute ago. The `latest` tag was pushed 2 minutes ago and pulled less than 1 day ago. The `build-18` tag was pushed 5 days ago and pulled 1 day ago. The `build-17` and `build-16` tags were both pushed 5 days ago and pulled 5 days ago. A Docker command to push a new tag is shown: `docker push yogeshrajendran/timerx-webapp :tagname`. A sidebar for `buildcloud` is also visible.

hub.docker.com/repository/docker/yogeshrajendran/timerx-webapp/general

hub

Explore My Hub

Repositories / timerx-webapp / General

Using 0 of 1 private repositories.

yogeshrajendran Docker Personal

Repositories Hardened Images Collaborations Settings Default privacy Notifications Billing Usage Pulls Storage

General Tags Image Management Collaborators Webhooks Settings

Tags

This repository contains 4 tag(s).

Tag	OS	Type	Pulled	Pushed
build-19	Linux	Image	less than 1 day	1 minute
latest	Linux	Image	less than 1 day	2 minutes
build-18	Linux	Image	1 day	5 days
build-17	Linux	Image	5 days	5 days
build-16	Linux	Image	5 days	5 days

See all

DOCKER SCOUT INACTIVE
Activate

buildcloud

Build with Docker Build Cloud

Accelerate image build times with access to cloud-based builders and shared cache.

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Go to Docker Build Cloud →

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ENG IN 46%

Docker Repository & Container:

The screenshot shows a web browser window with multiple tabs open. The active tab displays terminal output from an EC2 instance. Below the terminal, a summary of the instance's Docker repository and container details is provided.

```
ubuntu@ip-172-31-74-21:~$ docker ps
CONTAINER ID   IMAGE           COMMAND                  CREATED        STATUS          PORTS
92b5a9456d44   yogeshrajendran/timerx-webapp:latest   "/docker-entrypoint..."   2 minutes ago   Up 2 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp   timerx-webapp

ubuntu@ip-172-31-74-21:~$ docker images
REPOSITORY          TAG      IMAGE ID      CREATED       SIZE
yogeshrajendran/timerx-webapp    build-20    201140530b42  2 minutes ago  62.1MB
yogeshrajendran/timerx-webapp    latest     201140530b42  2 minutes ago  62.1MB
yogeshrajendran/timerx-webapp    build-19    abc56a0b2449  6 minutes ago  62.1MB
yogeshrajendran/timerx-webapp    build-18    7daaf7fec78d  4 days ago   62.1MB
yogeshrajendran/timerx-webapp    build-17    bdc1f561516e  4 days ago   62.1MB
yogeshrajendran/timerx-webapp    build-16    0ace66514eff  4 days ago   62MB
yogeshrajendran/timerx-webapp    <none>    b0aab8466432  4 days ago   62MB
yogeshrajendran/timerx-webapp    <none>    3d1c101400f1  4 days ago   62MB
yogeshrajendran/timerx-webapp    <none>    5dde1d6de079  4 days ago   62MB
yogeshrajendran/timerx-webapp    <none>    2a9a90c2ebdf  4 days ago   62MB
yogeshrajendran/timerx-webapp    <none>    4654faecde47  4 days ago   62MB
dockerhub-yogeshrajendran/timerx-webapp  latest    a3df21420233  4 days ago   62MB
<none>                    <none>    f08f6dc0e9a   4 days ago   62MB
dockerhub-yogeshrajendran/timerx-webapp/timerx-webapp  latest    7be2c08189ce  4 days ago   62MB
<none>                    <none>    ce9e57bfce38  4 days ago   62MB
<none>                    <none>    b1cba48aff34  4 days ago   62MB
<none>                    <none>    07afc6d4f5ae  4 days ago   62MB
nginx                   alpine   004f022f4ef5   11 days ago  61.9MB

ubuntu@ip-172-31-74-21:~$
```

i-0708a5da7f14602a2 (timerx-webapp)

PublicIPs: 3.236.120.174 PrivateIPs: 172.31.74.21

CloudShell Feedback Console Mobile App

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08:37 PM 25-01-2026

Live Web App (HTTP Port 80):

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is titled "TimerX - Fr" and displays the URL "3.226.122.109". The browser interface includes standard navigation buttons (back, forward, search) and a toolbar with various icons.

The main content area displays the "TimerX" web application. The title "TimerX" is at the top, followed by the subtitle "Free online timer web app for everyone!". A large digital clock shows "00:05:00". Below it, a "Target:" section shows "00 : 05 : 00" with a "Click to edit" link. There are three buttons: "Start" (purple), "Pause" (gray), and "Reset" (gray). Below these are several pre-set timer options: "1 Min", "5 Min", "10 Min", "15 Min", "20 Min", "30 Min", and "45 Min", each with a blue outline. At the bottom is a "Settings" button.

The footer of the browser window contains a status bar with weather information ("24°C Mostly clear"), system icons (Windows Start, Search, File Explorer, etc.), and system status indicators (ENG IN, battery level 82%, date/time 21-01-2026, 12:42 AM).