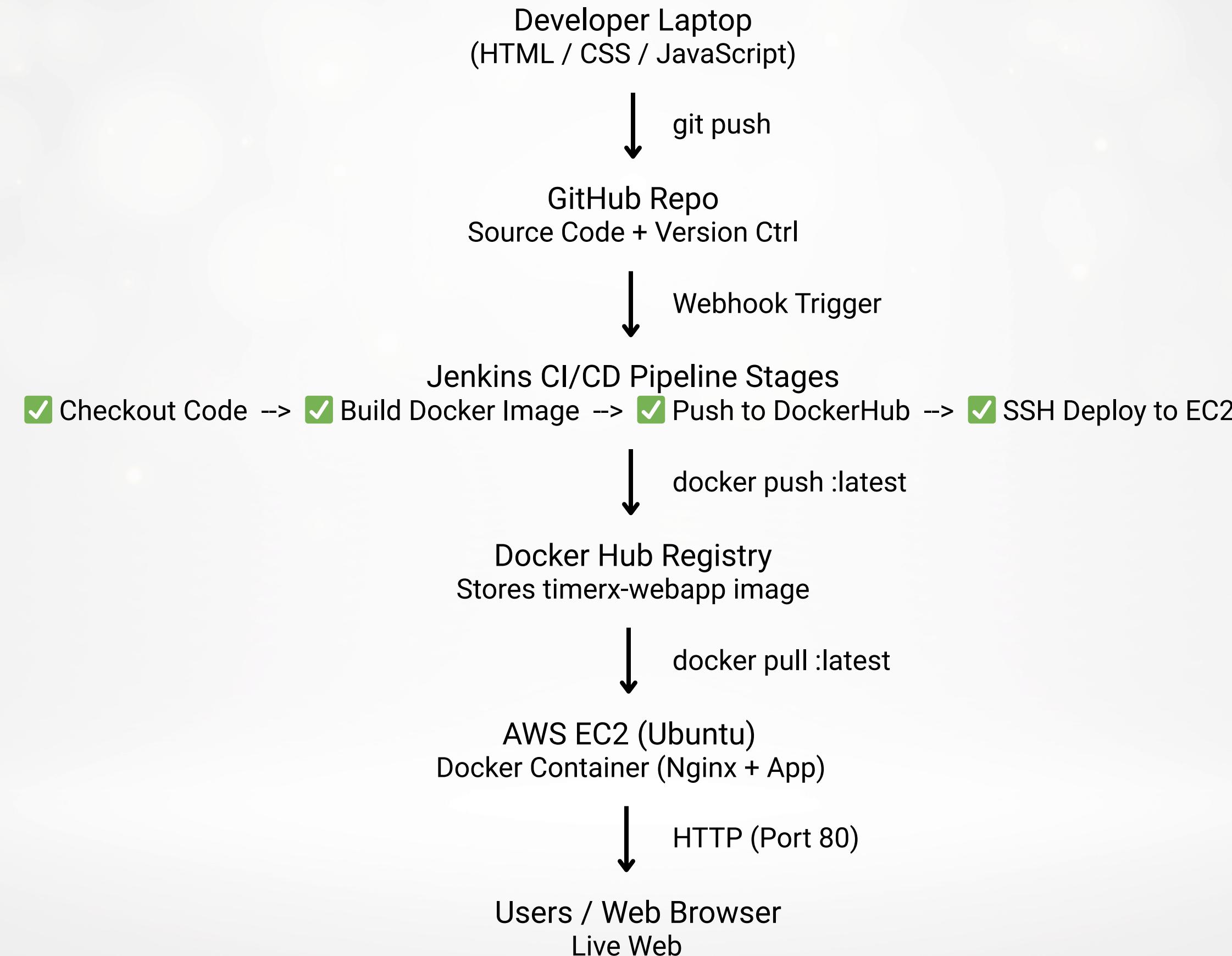
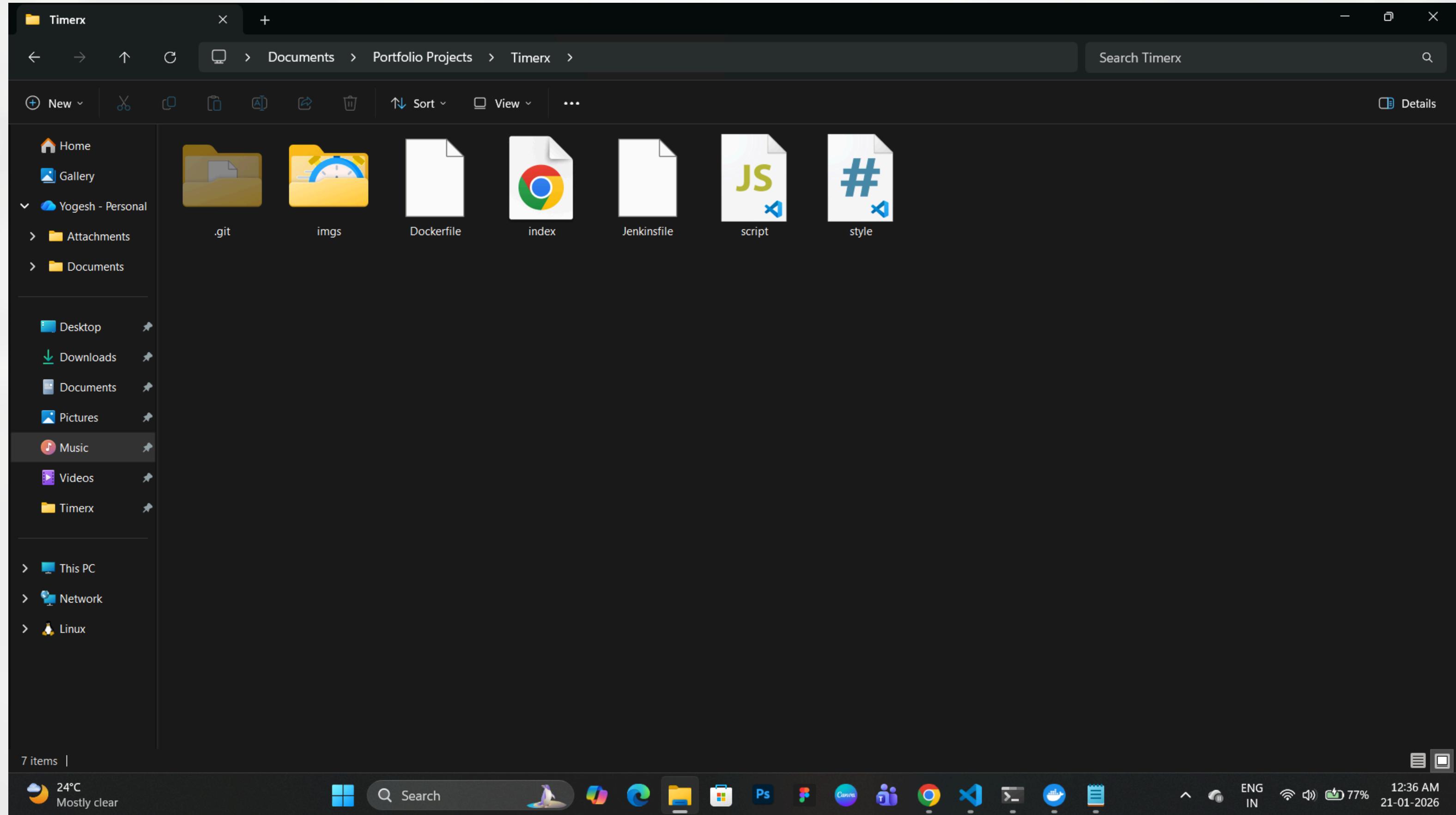


TIMERX - ARCHITECTURE



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:

The screenshot shows the Jenkins Pipeline Overview for job #18. The pipeline consists of the following stages:

- Start
- Checkout SCM
- Checkout Code
- Build Docker Image
- Login to DockerHub
- Push Image to...
- Deploy to AWS EC2
- End

All stages have passed successfully, indicated by green checkmarks. The "Deploy to AWS EC2" stage took 2.9s and was started 2m 31s ago. The log output for this stage is as follows:

```
ssh -o StrictHostKeyChecking=no ubuntu@3.226.122.109 ' docker pull docker.io/yogeshrajendran/timerx-webapp:latest && docker stop timerx-webapp || true && docker rm timerx-webapp || true ... '
+ ssh -o StrictHostKeyChecking=no ubuntu@3.226.122.109
docker pull docker.io/yogeshrajendran/timerx-webapp:latest &&
docker stop timerx-webapp || true &&
docker rm timerx-webapp || true &&
docker run -d --name timerx-webapp -p 80:80 docker.io/yogeshrajendran/timerx-webapp:latest
Warning: Permanently added '3.226.122.109' (ED25519) to the list of known hosts.
latest: Pulling from yogeshrajendran/timerx-webapp
Digest: sha256:c032af59c063b4b973b5473cbe3b104c2fae3836237138cf40fd88967d0f3a07
Status: Image is up to date for yogeshrajendran/timerx-webapp:latest
docker.io/yogeshrajendran/timerx-webapp:latest
timerx-webapp
timerx-webapp
836c41d93353d421d94fea6f30bac18375de1ab58ab18a97763126510444241f
```

The system tray at the bottom shows the following information: 24°C Mostly clear, Search, File Explorer, Ps, Figma, Canvas, Teams, Chrome, VS Code, Taskbar icons, ENG IN, 79%, 12:38 AM, 21-01-2026.

AWS EC2 (Ubuntu):

The screenshot shows the AWS EC2 Instance Details page for instance **i-0708a5da7f14602a2**. The instance is running in the **United States (N. Virginia)** region. Key details include:

- Public IPv4 address:** 3.226.122.109
- Private IPv4 addresses:** 172.31.74.21
- Public DNS:** ec2-3-226-122-109.compute-1.amazonaws.com
- 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
- Managed:** false

The left sidebar shows the navigation menu for EC2, including Instances, Images, Elastic Block Store, and Network & Security.

At the bottom, there are tabs for Details, Status and alarms, Monitoring, Security, Networking, Storage, and Tags. The Details tab is selected.

The status bar at the bottom right shows the date (21-01-2026), time (12:41 AM), battery level (81%), and language (ENG IN).

Docker Hub Registry:

The screenshot shows a Docker Hub Registry interface. At the top, there's a browser header with tabs like EC2 Instances, yogeshraje, TimerX - Fr, TimerX - Fr, Timer Icons, #18 - time, and others. The URL in the address bar is hub.docker.com/repository/docker/yogeshrajendran/timerx-webapp/general.

The main navigation bar has 'hub' and 'Explore' buttons, and the current tab is 'My Hub'. A search bar says 'Search Docker Hub' with a 'CtrlK' button. To the right are icons for help, notifications, and a profile.

The left sidebar for the user 'yogeshrajendran' includes sections for 'Repositories' (selected), 'Hardened Images', 'Collaborations', 'Settings', 'Default privacy', 'Notifications', 'Billing', 'Usage', 'Pulls', and 'Storage'.

The central content area shows the repository 'yogeshrajendran/timerx-webapp'. It was last pushed less than a minute ago, with a size of 25.3 MB, 0 stars, and 40 forks. There are buttons to 'Add a description' and 'Add a category'.

A 'Docker commands' section shows the command to push a new tag: `docker push yogeshrajendran/timerx-webapp :tagname`. A 'Public view' button is also present.

The repository details include tabs for 'General' (selected), 'Tags', 'Image Management', 'Collaborators', 'Webhooks', and 'Settings'. The 'General' tab shows the repository contains 3 tag(s):

Tag	OS	Type	Pulled	Pushed
build-18		Image	less than 1 day	1 minute
latest		Image	less than 1 day	1 minute
build-17		Image	less than 1 day	34 minutes
build-16		Image	less than 1 day	44 minutes

A link 'See all' is at the bottom of the tags section.

To the right of the tags table is an advertisement for 'buildcloud' from Docker Build Cloud. It highlights accelerating image build times with cloud-based builders and shared cache. It mentions Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation. A link 'Go to Docker Build Cloud' is provided.

The bottom of the screen shows a taskbar with various icons for Windows, including File Explorer, Task View, and several application icons. System status icons are on the right, including weather (24°C, Mostly clear), battery (79%), and date/time (12:38 AM, 21-01-2026).

Docker Repository & Container:

The screenshot shows a web browser window connected to an AWS EC2 instance via SSH. The terminal session displays the following output:

```
ubuntu@ip-172-31-74-21:~$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
836c41d93353 yogeshrajendran/timerx-webapp:latest "/docker-entrypoint...." 5 minutes ago Up 5 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-18 7daaf7fec78d 5 minutes ago 62.1MB
yogeshrajendran/timerx-webapp latest 7daaf7fec78d 5 minutes ago 62.1MB
yogeshrajendran/timerx-webapp build-17 bdc1f561516e 39 minutes ago 62.1MB
yogeshrajendran/timerx-webapp build-16 0ace66514eff 48 minutes ago 62MB
yogeshrajendran/timerx-webapp <none> b0aab8466432 59 minutes ago 62MB
yogeshrajendran/timerx-webapp <none> 3d1c101400f1 About an hour ago 62MB
yogeshrajendran/timerx-webapp <none> 5dde1d6de079 About an hour ago 62MB
yogeshrajendran/timerx-webapp <none> 2a9a90c2ebdf About an hour ago 62MB
yogeshrajendran/timerx-webapp <none> 4654faecde47 About an hour ago 62MB
yogeshrajendran/timerx-webapp dockerhub-yogeshrajendran/timerx-webapp latest a3df21420233 About an hour ago 62MB
<none> <none> f08f6cd0e9a About an hour ago 62MB
dockerhub-yogeshrajendran/timerx-webapp/timerx-webapp latest 7be2c08189ce About an hour ago 62MB
<none> <none> ce9e57bfce38 About an hour ago 62MB
<none> <none> b1cba48aff34 About an hour ago 62MB
<none> <none> 07afc6d4f5ae About an hour ago 62MB
nginx alpine 004f022f4ef5 6 days ago 61.9MB

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

Below the terminal, a modal window titled "i-0708a5da7f14602a2 (timerx-webapp)" provides details about the selected instance:

- Public IPs: 3.226.122.109
- Private IPs: 172.31.74.21

The browser interface includes a top navigation bar with tabs like EC2 Instance, yogeshraje, TimerX - Fr..., TimerX - Fr..., Timer Icons, #18 - time..., and a search bar with the placeholder "Search". The bottom of the screen shows a taskbar with various application icons and system status indicators.

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 the text "© 2026 TimerX". The system tray at the bottom of the screen shows the date and time as "21-01-2026 12:42 AM". Other status indicators include weather ("24°C Mostly clear"), battery level ("82%"), and network connectivity.