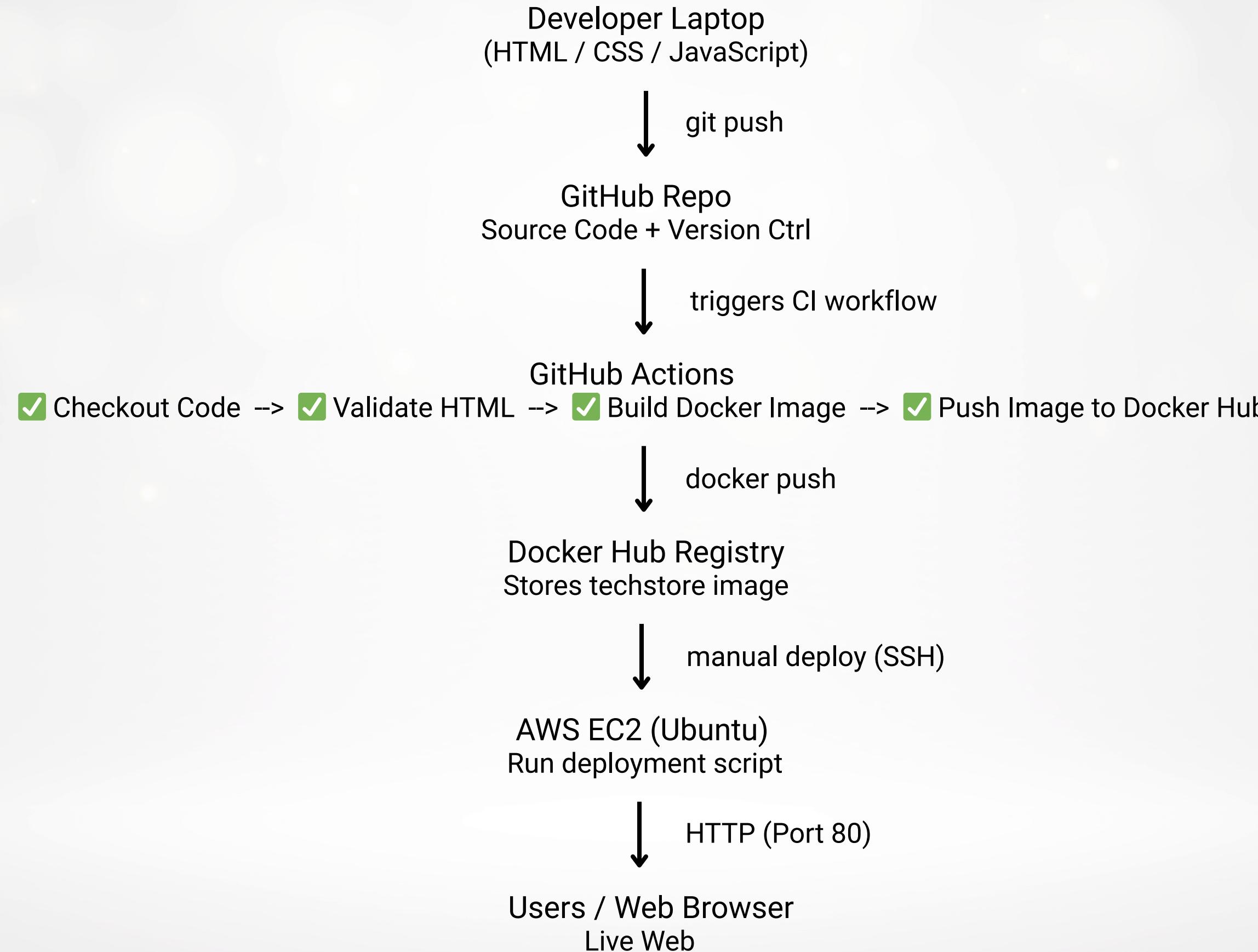
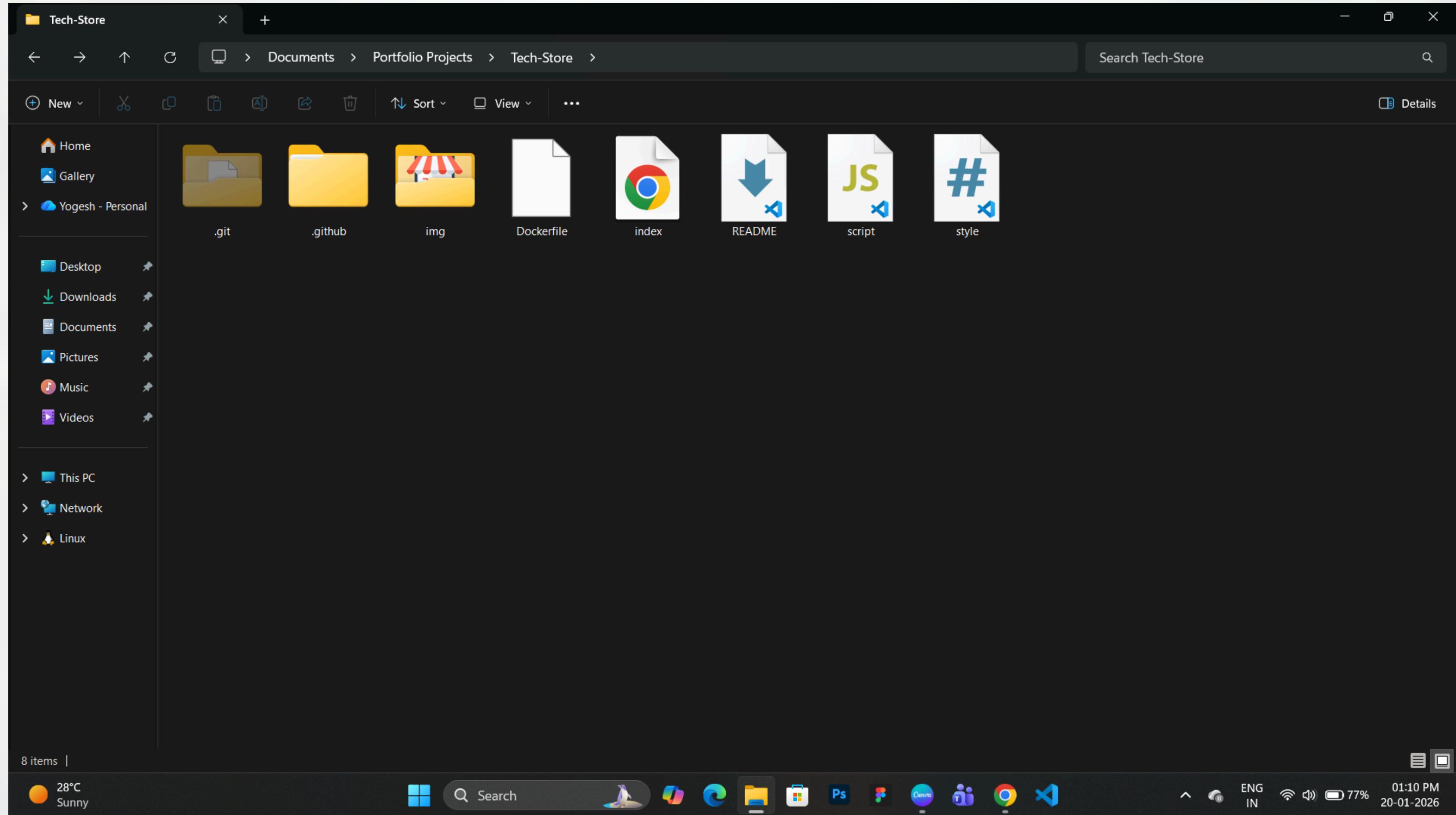


# TECH STORE - ARCHITECTURE



# Local Repo:



# Remote Repo:

The screenshot shows a GitHub repository page for 'techstore' owned by 'yogeshrajendran-24'. The repository is public and has 1 branch and 0 tags. The main branch 'main' is selected. The repository has 19 commits from 'yogeshrajendran-24' made 14 minutes ago. The commits include changes to .github/workflows, Dockerfile, README.md, index.html, script.js, and style.css. The README file describes TechStore as a responsive e-commerce website built using HTML, CSS, and JavaScript, designed to simulate a real online shopping experience. The repository has 0 stars, 0 forks, and 0 watching. The repository was created on 20-01-2026 at 11:39 AM.

github.com/yogeshrajendran-24/techstore

yogeshrajendran-24 / techstore

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

techstore Public

main 1 Branch 0 Tags

Go to file Add file Code About

yogeshrajendran-24 Power bank price changed ff94488 · 14 minutes ago 19 Commits

.github/workflows Update Docker image tagging and pushing process last week

Dockerfile Dockerfile added last week

README.md Initialize README with project overview and setup last week

index.html Home page changed last week

script.js Power bank price changed 14 minutes ago

style.css Files Uploaded to remote repo last week

README

TechStore – E-Commerce Web Application (DevOps CI Project)

TechStore is a responsive e-commerce website built using HTML, CSS, and JavaScript, designed to simulate a real online shopping experience. This project demonstrates how a frontend web application can be integrated into a

24°C Sunny

Search

EC2 Instance Connect | us-east- | TechStore - Shop Electronics | Dashboard - Jenkins

11:39 AM 20-01-2026

# GitHub Actions (CI Pipeline):

The screenshot shows a GitHub Actions CI Pipeline dashboard for the 'TechStore CI/CD' workflow. The pipeline has 14 workflow runs listed:

- Power bank price changed** (main branch) - 14 minutes ago, 19s
- Readme file fetched** (main branch) - 32 minutes ago, 31s
- Initialize README with project overview and setup** (main branch) - Jan 12, 6:50 PM GMT+5:30, 32s
- PHONE CASE price changed** (main branch) - Jan 12, 6:38 PM GMT+5:30, 21s
- yaml file updated** (main branch) - Jan 12, 6:34 PM GMT+5:30, 21s
- Update Docker image tagging and pushing process** (main branch) - Jan 12, 6:31 PM GMT+5:30, 21s

The left sidebar shows management options like Caches, Attestations, Runners, Usage metrics, and Performance metrics.

At the bottom, the taskbar includes icons for Windows, Search, File Explorer, Task View, Photoshop, Figma, Confluence, Teams, Google Chrome, and Visual Studio Code. The system tray shows weather (24°C, Sunny), network, battery (65%), and date/time (11:39 AM, 20-01-2026).

# AWS EC2 (Ubuntu):

The screenshot shows the AWS EC2 Instance Details page for instance **i-01986f0c7920f1d4a** (techstore). The instance is currently **Running**. Key details include:

- Public IPv4 address:** 75.101.171.173
- Private IP DNS name (IPv4 only):** ip-172-31-27-157.ec2.internal
- Instance type:** t3.micro
- VPC ID:** vpc-0edbce4a1029da763
- Subnet ID:** subnet-0b9bb28fcc5f08fbf
- Instance ARN:** arn:aws:ec2:us-east-1:650246453294:instance/i-01986f0c7920f1d4a

The left sidebar shows the navigation menu for EC2, including options like Dashboard, 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.

System tray icons at the bottom right include CloudShell, Feedback, Console Mobile App, Search, Weather (24°C, Sunny), and various productivity tools like Microsoft Word, Excel, Powerpoint, and others. System status indicators show ENG IN, 63%, and the date 20-01-2026.

# Docker Hub Registry:

The screenshot shows a browser window with multiple tabs at the top, including EC2 Instance Connect, TechStore - Shop Electr..., Dashboard - Jenkins, and Search results for Tech. The main content area is a terminal window displaying the following commands and their outputs:

```
ubuntu@ip-172-31-27-157:~$ docker images
REPOSITORY          TAG      IMAGE ID      CREATED       SIZE
yogeshrajendran/techstore    latest   b6e0f2d414ec  About an hour ago  62MB
yogeshrajendran/techstore    <none>  353041271e73  2 hours ago   61.9MB
yogeshrajendran/techstore    <none>  2460484fb066  2 hours ago   61.9MB
yogeshrajendran/techstore    <none>  d358b1a965ce  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  6d4537384e18  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  99584702b8b7  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  5b69bbc7a41e  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  db9515e9c7a2  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  4cb4df975429  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  fa62ee2d00c2  7 days ago    61.9MB
yogeshrajendran/techstore    <none>  dfd9db9550a9  7 days ago    61.9MB
containrrr/watchtower       latest   e7dd50d07b86  2 years ago   14.7MB

ubuntu@ip-172-31-27-157:~$ docker ps
CONTAINER ID        IMAGE               COMMAND                  CREATED             STATUS              PORTS               NAMES
9df8e3ff3bb5        yogeshrajendran/techstore:latest     "/docker-entrypoint..."   About an hour ago   Up About an hour   0.0.0.0:80->80/tcp, [::]:80->80/tcp   techstore
c86ed7012933        containrrr/watchtower           "/watchtower --inter..."   7 days ago        Up 7 days (healthy)  8080/tcp            watchtower

ubuntu@ip-172-31-27-157:~$
```

Below the terminal, there is a summary for the instance **i-01986f0c7920f1d4a (techstore)**. It lists Public IPs: 75.101.171.173 and Private IPs: 172.31.27.157.

The bottom navigation bar includes links for CloudShell, Feedback, Console Mobile App, Copyright notice (© 2026, Amazon Web Services, Inc. or its affiliates.), Privacy, Terms, and Cookie preferences. It also shows system status icons for weather (28°C, Sunny), battery (74%), and time (01:16 PM, 20-01-2026).

# Manual Deploy:

The screenshot shows a terminal session within the AWS EC2 Instance Connect interface. The user is executing a deployment script named `deploy.sh`. The output of the script indicates the following steps:

- Pulling latest image...
- Using default tag: latest
- latest: Pulling from yogeshrajendran/techstore
- Digest: sha256:c412372a660a8882e96a6a1c40917168694c00a864708c701d590422506bfecb
- Status: Image is up to date for yogeshrajendran/techstore:latest
- docker.io/yogeshrajendran/techstore:latest
- Stopping old container (if exists)...
- techstore
- Starting new container...
- 2f178d282de3cdc968e2b733b2025ddaea8e2fed03222ca92957de86396e5e98
- Deployment complete!
- 2f178d282de3 yogeshrajendran/techstore "/docker-entrypoint..." 1 second ago Up Less than a second 0.0.0.0:80->80/tcp, [::]:80->80/tcp techstore

At the bottom of the terminal window, there is a summary for the instance **i-01986f0c7920f1d4a (techstore)**, showing its PublicIPs: 75.101.171.173 and PrivateIPs: 172.31.27.157.

The bottom navigation bar includes links for CloudShell, Feedback, and Console Mobile App. The footer contains copyright information for Amazon Web Services, Inc. or its affiliates, along with links for Privacy, Terms, and Cookie preferences. It also displays the current weather (28°C, Sunny), system icons for search, file explorer, and various productivity tools like Microsoft Word, Excel, and Powerpoint, and a system status bar showing ENG IN, 74% battery, and the date/time 01:16 PM 20-01-2026.

# Live Web App (HTTP Port 80):

The screenshot displays a live web application interface, likely a shopping cart or product catalog. The top navigation bar shows several open tabs, including "TechStore - Shop Electr", "Dashboard - Jenkins", and "Search results for Tech". The main content area is titled "TechStore" and features a "Featured Products" section. The products are presented in a 2x3 grid:

- Wireless Headphones**: Premium noise-canceling headphones. Price: \$85.99. Add to Cart button.
- Smart Watch**: Fitness tracking smartwatch. Price: \$189.99. Add to Cart button.
- USB-C Cable**: Fast charging cable. Price: \$15.99. Add to Cart button.
- Phone Case**: Durable protective case. Price: \$20.99. Add to Cart button.
- Screen Protector**: Tempered glass protector. Price: \$11.99. Add to Cart button.
- Power Bank**: 20000mAh portable charger. Price: \$29.99. Add to Cart button.

The bottom of the screen shows a taskbar with various icons and system status information, including weather (24°C, Sunny), search, file explorer, and productivity tools like Photoshop, Figma, and Microsoft Office. The system tray indicates ENG IN, battery level at 58%, and the date/time 20-01-2026.