

AWS Setup

Launch a AWS EC2 instance:

Instance Name : Project-app

The screenshot shows the AWS Management Console 'Instances' page. At the top, there's a search bar and navigation tabs. The 'Instances (1/1)' tab is active. Below the header, there's a table with columns: Name, Instance ID, Instance state, Instance type, Status check, and Alarm status. The table contains one entry: 'Project-app' with ID 'i-07f8dc14094f4f124', state 'Running', and type 't2.micro'. The status check shows 'Initializing'. Below the table, the details for the selected instance are shown. The instance name is 'i-07f8dc14094f4f124 (Project-app)'. The details pane shows the instance is a 't2.micro' type, with a public IP address of '3.128.95.199' and a public IPv4 DNS address of '172.31.0.13'. The instance state is 'Running'.

Security group:

The screenshot shows the AWS Management Console 'Instances' page. At the top, there's a search bar and navigation tabs. The 'Instances (1/1)' tab is active. Below the header, there's a table with columns: Name, Instance ID, Instance state, Instance type, Status check, and Alarm status. The table contains one entry: 'Project-app' with ID 'i-07f8dc14094f4f124', state 'Running', and type 't2.micro'. The status check shows 'Initializing'. Below the table, the details for the selected instance are shown. The instance name is 'i-07f8dc14094f4f124 (Project-app)'. The details pane shows the instance is a 't2.micro' type, with a public IP address of '3.128.95.199' and a public IPv4 DNS address of '172.31.0.13'. The instance state is 'Running'. The security groups section shows 'sg-0a4a79a6ff90095e6 (default)'.

Inbound Rules:

aws

Services

Search

[Alt+S]

EC2

IAM

S3

Ohio

Gayatri

Inbound rules

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-0707777cf98782f95	All traffic	All	All	Cus...	
sgr-0b4a255f4e8e53c0b	Custom TCP	TCP	8080	Cus...	
sgr-0a6c1912c7919f019	Custom TCP	TCP	3000	Cus...	
sgr-028c1664ff5016250	SSH	TCP	22	Cus...	

aws

Services

Search

[Alt+S]

EC2

IAM

S3

Ohio

Gayatri

Outbound rules

Security group rule ID	Type	Protocol	Port range	Destination	Description - optional
sgr-0a6c1912c7919f019	Custom TCP	TCP	3000	Cus...	
sgr-028c1664ff5016250	SSH	TCP	22	Cus...	
sgr-0071eb57295553f24	Custom TCP	TCP	9090	Cus...	
sgr-0deb098ebefb80dbc	Custom TCP	TCP	9100	Cus...	
sgr-0c6f06baf9f47902b	HTTP	TCP	80	Cus...	

Outbound Rules:

Outbound rules

Security group rule ID	Type	Protocol	Port range	Destination	Description - optional
sgr-02037b011ec139cfb	All traffic	All	All	Cus...	

Add rule

GitHub

Created a repo called devops-build in git

GitHub Repo url : <https://github.com/NambariGayatri/devops-build.git>

Main Branch:

github.com/NambariGayatri/devops-build

devops-build Public
forked from [sriram-R-krishnan/devops-build](#)

main 2 Branches 0 Tags

This branch is 18 commits ahead of [sriram-R-krishnan/devops-build:main](#)

NambariGayatri adding files		
build	adding files	yesterday
.dockerignore	adding files	yesterday
.gitignore	adding files	yesterday
Dockerfile	adding files	yesterday
Jenkinsfile	adding files	3 hours ago
build.sh	adding files	yesterday
deploy.sh	adding files	yesterday

Activity
0 stars
0 watching
0 forks

Releases
No releases published
[Create a new release](#)

Packages
No packages published
[Publish your first package](#)

Dev branch:

devops-build
Public

[forked from sriram-R-krishnan/devops-build](#)

dev

2 Branches
0 Tags

Add file

Code

This branch is 18 commits ahead of [sriram-R-krishnan/devops-build:main](#)

Contribute
Sync fork

NambariGayatri adding files a914b9d - 4 hours ago 19 Commits		
build	adding files	yesterday
.dockerignore	adding files	yesterday
.gitignore	adding files	yesterday
Dockerfile	adding files	yesterday
Jenkinsfile	adding files	4 hours ago
build.sh	adding files	yesterday
deploy.sh	adding files	yesterday

About

No description, website, or topics provided.

- Activity
- 0 stars
- 0 watching
- 0 forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

Jenkins login page:

[←](#)
[→](#)
[↺](#)
Not secure
3.128.95.199:8080/login?from=%2F

[Gmail](#)
[YouTube](#)
[Maps](#)
[PEGA Low-code applicatio...](#)
[PEGA Pega Community | T...](#)
[AWS Management...](#)
[AWS Certification \[...](#)
[AWS Certification -...](#)

Sign in to Jenkins

Username

Password

☐ Keep me signed in

Sign in

Configuration settings:

Docker Plugin config:

Declarative Pipeline (Docker)

Docker Label ?

Docker

Docker registry URL ?

https://hub.docker.com

Registry credentials

gayatrudevops11/***** (docker-cred)

+ Add

Pipeline Git config:

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/NambariGayatri/devops-build.git

Credentials ?

NambariGayatri/***** (github-cred)

Stage View:

← → ↻ Not secure 3.128.95.199:8080/job/ProjectApp/multi-pipeline-graph/ ☆ 📁 6 ⋮

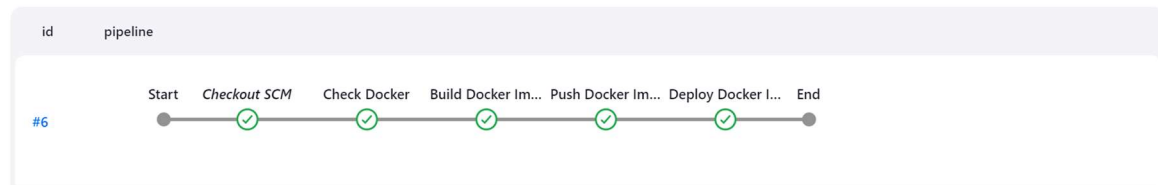
Gmail YouTube Maps PEGA Low-code applicatio... PEGA Pega Community | T... AWS Management... AWS Certification |... AWS Certification ~...

Jenkins 🔍 Search (CTRL+K) ? 🛡️ 2 👤 Gayatri 🚪 log out

Dashboard > ProjectApp > Stages

Build ProjectApp

▶ Build Configure



DockerHub

Created two repos called 'dev' and 'prod', where dev is public and prod is private.

← → ↻ hub.docker.com/repositories/gayatrudevops11 ☆ 📁 📄 📄 6 ⋮

Gmail YouTube Maps PEGA Low-code applicatio... PEGA Pega Community | T... AWS Management... AWS Certification |... AWS Certification ~...

dockerhub Explore Repositories Organizations 🔍 Search Docker Hub ctrl+K ? ⚙️ 🔄 ⋮ G

gayatrudevops11 Search by repository name 🔍 All Content Create repository

gayatrudevops11 / finalapp_dev	☆ 0	📄 0	🌐 Public	🚫 Scout inactive
Contains: Image • Last pushed: 1 minute ago				
gayatrudevops11 / finalapp_prod	☆ 0	📄 0	🔒 Private	🚫 Scout inactive
Contains: Image • Last pushed: 4 minutes ago				

Dev Repo:

gayatridevops11/finalapp_dev

Updated 2 minutes ago

This repository does not have a description   INCOMPLETE

This repository does not have a category   INCOMPLETE

Docker commands

To push a new tag to this repository:

```
docker push gayatridevops11/finalapp_dev:tagname
```

[Public View](#)

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	a few seconds ago	2 minutes ago

[See all](#)

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#) .

[Upgrade](#)

Prod Repo:

gayatridevops11/finalapp_prod

Updated 6 minutes ago

This repository does not have a description 

This repository does not have a category 

Docker commands

To push a new tag to this repository:

```
docker push gayatridevops11/finalapp_prod:tagname
```

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	---	6 minutes ago

[See all](#)

Automated Builds

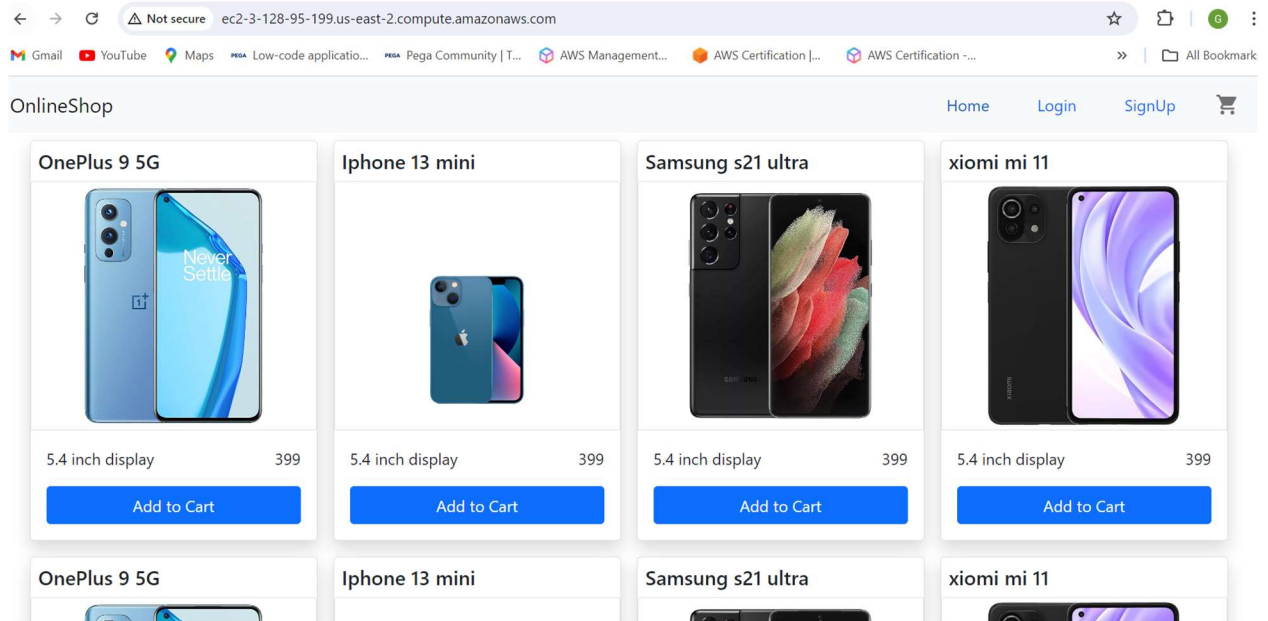
Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#) .

[Upgrade](#)

Deployed Site:

Deployed site URL: <http://ec2-3-128-95-199.us-east-2.compute.amazonaws.com/>



Prometheus:

The screenshot shows the Prometheus web interface. The address bar displays 'localhost:9090/graph?g0.expr=container_cpu_user_seconds_total&g0.tab=1&g0.display_mode=lines&g0.show_exemplars=0&g0.range_input=1h'. The interface includes a search bar with the query 'container_cpu_user_seconds_total' and an 'Execute' button. Below the search bar, there are tabs for 'Table' and 'Graph'. The 'Table' tab is selected, showing a table of query results. The table has columns for the metric name, labels, and the value. The results are as follows:

container_cpu_user_seconds_total	Value
container_cpu_user_seconds_total{instance="cadvisor:8080", job="cadvisor"}	96.61
container_cpu_user_seconds_total{instance="cadvisor:8080", job="cadvisor", id="/01-docker"}	45.88
container_cpu_user_seconds_total{instance="cadvisor:8080", job="cadvisor", id="/docker"}	26.58
container_cpu_user_seconds_total{instance="cadvisor:8080", job="cadvisor", id="/kubepods"}	0
container_cpu_user_seconds_total{instance="cadvisor:8080", job="cadvisor", id="/podruntime"}	0
container_cpu_user_seconds_total{instance="cadvisor:8080", job="cadvisor", id="/systemreserved"}	0
container_cpu_user_seconds_total{container_label_com_docker_compose_config_hash="45112636893260f62e7e6f42f6ad4d0107699246342cc54aab49323f2da5ca81", container_label_com_docker_compose_container_number="1", container_label_com_docker_compose_image="sha256:dae83f665c92a854ca6cc4735ed051452a7712704963ad45405ab1b51d0fe8f9", container_label_com_docker_compose_oneoff="false", container_label_com_docker_compose_project="devops-build", container_label_com_docker_compose_project_config_files="C:\\Users\\91879\\devops-build\\docker-compose1.yaml", container_label_com_docker_compose_project_working_dir="C:\\Users\\91879\\devops-build", container_label_com_docker_compose_service="redis", container_label_com_docker_compose_version="2.24.7", id="/docker/be0cceaede7d4e84da7fd7c395a4ab008b4b8a12f264c8e1e8b17f44a5814e4", image="redislatest", instance="cadvisor:8080", job="cadvisor", name="redis"}	1.41

The table also shows the evaluation time and the load time of the query.

