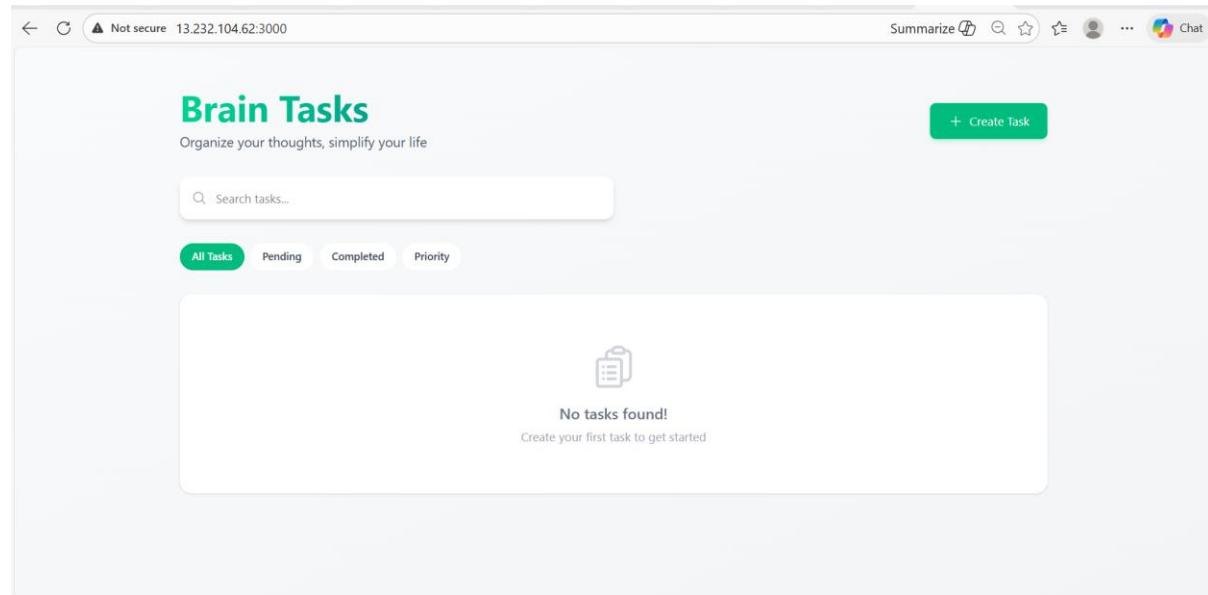


Docker Image Creation

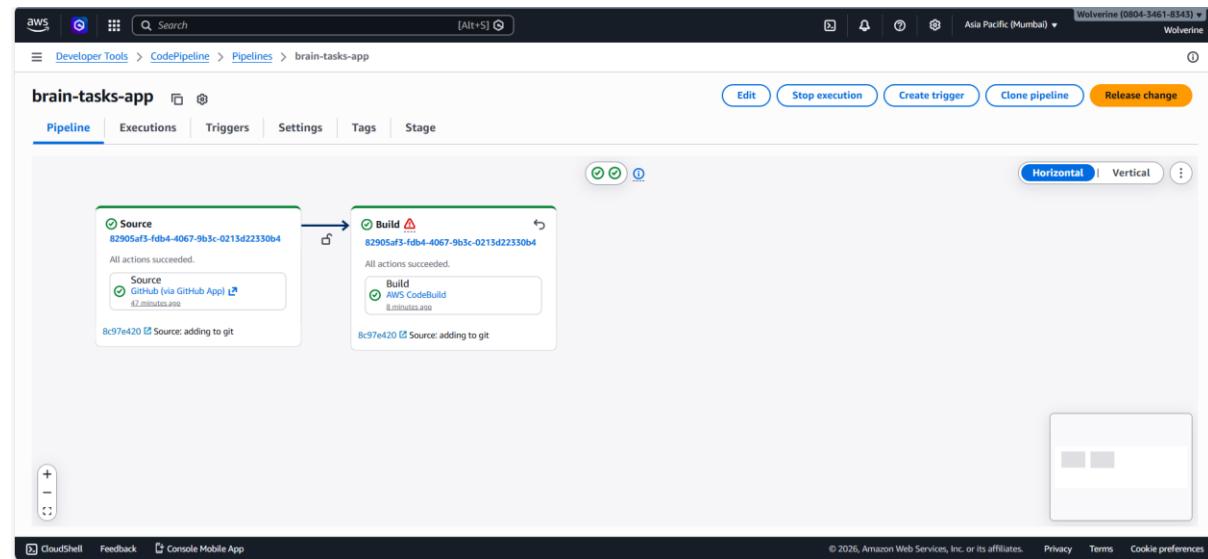
```
[root@ip-172-31-34-158 ~]# docker images
REPOSITORY          TAG      IMAGE ID      CREATED       SIZE
080434618343.dkr.ecr.ap-south-1.amazonaws.com/brain-tasks-app   latest    0c54c6176578  3 hours ago  62.4MB
brain-tasks-app     latest    0c54c6176578  3 hours ago  62.4MB
[root@ip-172-31-34-158 ~]#
```

Application Exposed on 3000



The screenshot shows a web application for managing tasks. At the top, there's a navigation bar with a back arrow, a refresh button, and a URL 'Not secure 13.232.104.62:3000'. To the right are links for 'Summarize', a magnifying glass icon, a star icon, a user profile icon, three dots, and a 'Chat' button. The main content area has a light gray background. At the top left, it says 'Brain Tasks' in a large green font, followed by the tagline 'Organize your thoughts, simplify your life'. Below that is a search bar with the placeholder 'Search tasks...'. Underneath the search bar are four buttons: 'All Tasks' (which is green and highlighted), 'Pending', 'Completed', and 'Priority'. In the center of the main area, there's a small icon of a notepad with a list. Below the icon, the text 'No tasks found!' is displayed in a small font, followed by the instruction 'Create your first task to get started'.

Build Success

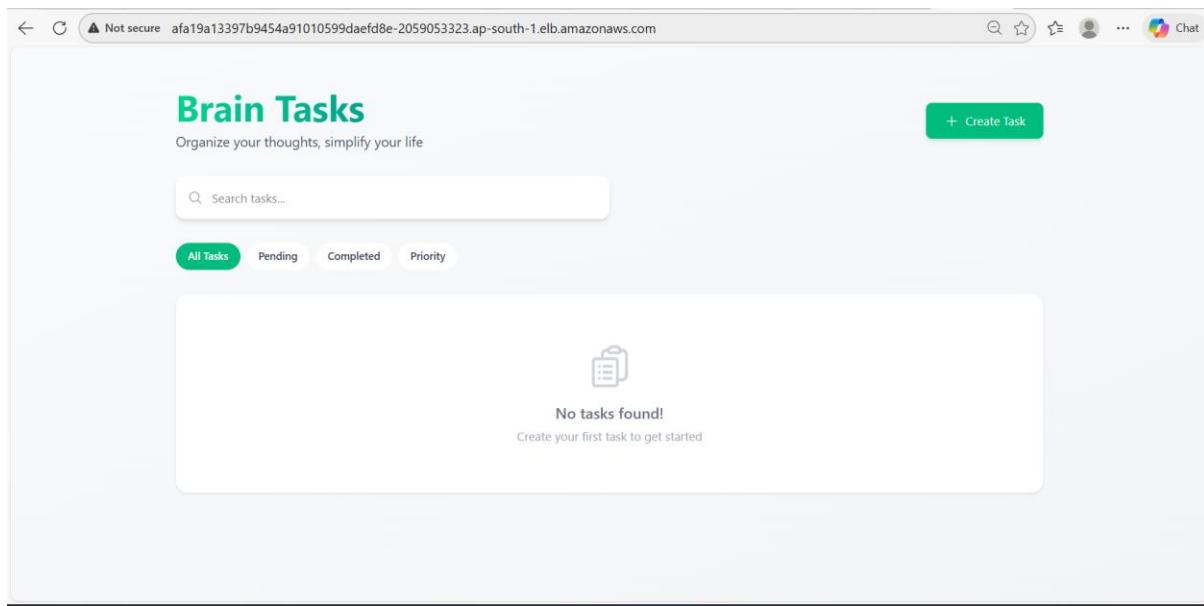


The screenshot shows the AWS CodePipeline console. At the top, there's a navigation bar with the AWS logo, a search bar, and a 'Developer Tools > CodePipeline > Pipelines > brain-tasks-app' path. To the right are buttons for 'Edit', 'Stop execution', 'Create trigger', 'Clone pipeline', and 'Release change'. Below the navigation is a pipeline summary: '8 actions succeeded' and '0 actions failed'. The pipeline itself is named 'brain-tasks-app' and has two stages: 'Source' and 'Build'. The 'Source' stage is connected to a GitHub repository via an AWS Lambda trigger. The 'Build' stage uses AWS CodeBuild. Both stages show a green success status with the message 'All actions succeeded.' and a timestamp of '47 minutes ago'. On the left, there's a sidebar with a plus sign for adding new stages and minus signs for removing them. At the bottom, there are links for 'CloudShell', 'Feedback', 'Console Mobile App', and copyright information: '© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences'.

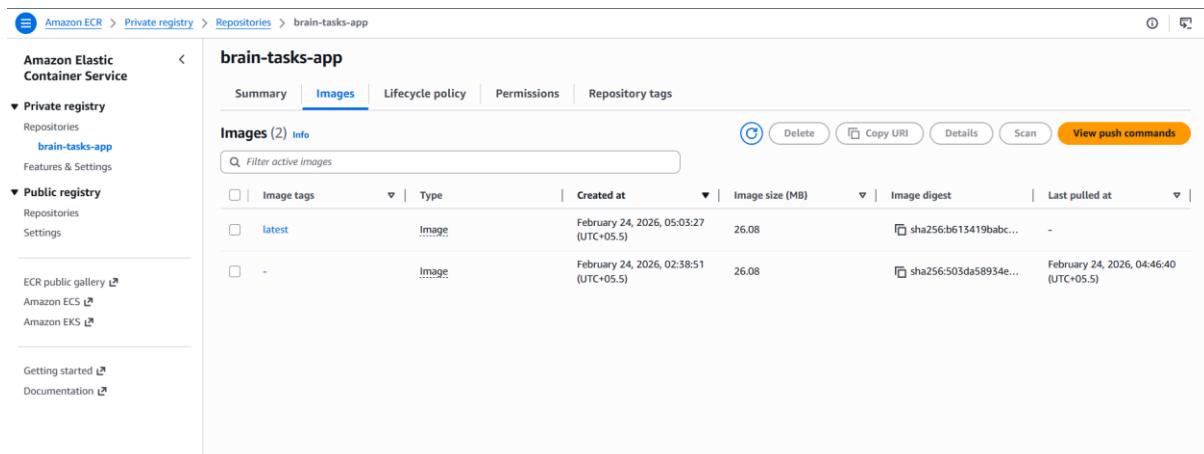
EKS Pods

```
[root@ip-172-31-34-158 ~]# kubectl get nodes
NAME                               STATUS   ROLES      AGE     VERSION
ip-192-168-10-132.ap-south-1.compute.internal   Ready    <none>    46m    v1.34.3-eks-70ce843
ip-192-168-69-1.ap-south-1.compute.internal   Ready    <none>    46m    v1.34.3-eks-70ce843
[root@ip-172-31-34-158 ~]# kubectl get pods
NAME                               READY   STATUS    RESTARTS   AGE
brain-tasks-app-8dd696698-pl6qr   1/1    Running   0          43m
brain-tasks-app-8dd696698-vbtfr   1/1    Running   0          43m
[root@ip-172-31-34-158 ~]# kubectl get svc
NAME            TYPE           CLUSTER-IP      EXTERNAL-IP
)               AGE
brain-app-service   LoadBalancer   10.100.123.141  afa19a13397b9454a91010599daef8e-2059053323.ap-south-1.elb.amazonaws.com  80:324
91/TCP        43m
kubernetes       ClusterIP      10.100.0.1     <none>
P              52m
[root@ip-172-31-34-158 ~]#
```

Application Deployed LB ARN



ECR Repository



Buil Logs using Cloudwatch

Build logs Phase details Reports Environment variables Build details Resource utilization

Showing the last 144 lines of the build log. [View entire log](#)

No previous logs

```
1 [Container] 2026/02/23 23:33:09.999837 Running on CodeBuild On-demand
2 [Container] 2026/02/23 23:33:09.999848 Waiting for agent ping
3 [Container] 2026/02/23 23:33:10.201114 Waiting for DOWNLOAD_SOURCE
4 [Container] 2026/02/23 23:33:11.181040 Phase is DOWNLOAD_SOURCE
5 [Container] 2026/02/23 23:33:11.182023 CODEBUILD_SRC_DIR=/codebuild/output/src3794607801/src
6 [Container] 2026/02/23 23:33:11.182482 YAML location is /codebuild/output/src3794607801/src/buildspec.yml
7 [Container] 2026/02/23 23:33:11.184243 Setting HTTP client timeout to higher timeout for 53 source
8 [Container] 2026/02/23 23:33:11.184346 Processing environment variables
9 [Container] 2026/02/23 23:33:11.307527 No runtime version selected in buildspec.
10 [Container] 2026/02/23 23:33:11.333780 Moving to directory /codebuild/output/src3794607801/src
11 [Container] 2026/02/23 23:33:11.333888 Cache is not defined in the buildspec
12 [Container] 2026/02/23 23:33:11.366574 Skip cache due to: no paths specified to be cached
13 [Container] 2026/02/23 23:33:11.366818 Registering with agent
14 [Container] 2026/02/23 23:33:11.397773 Phases found in YAML: 3
15 [Container] 2026/02/23 23:33:11.397789 POST_BUILD: 1 commands
16 [Container] 2026/02/23 23:33:11.397793 PRE_BUILD: 2 commands
17 [Container] 2026/02/23 23:33:11.397793 BUILD: 2 commands
18 [Container] 2026/02/23 23:33:11.398057 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
19 [Container] 2026/02/23 23:33:11.398069 Phase context status code: Message:
20 [Container] 2026/02/23 23:33:11.480630 Entering phase INSTALL
21 [Container] 2026/02/23 23:33:11.509903 Phase complete: INSTALL State: SUCCEEDED
22 [Container] 2026/02/23 23:33:11.509917 Phase context status code: Message:
23 [Container] 2026/02/23 23:33:11.537532 Entering phase PRE_BUILD
24 [Container] 2026/02/23 23:33:11.566263 Running command echo Logging in to Amazon ECR...
25 Logging in to Amazon ECR...
26
27 [Container] 2026/02/23 23:33:11.573329 Running command aws ecr get-login-password --region ap-south-1 | docker login --username AWS --password-stdin $ACCOUNT_ID.dkr.ecr.ap-south-1.amazonaws.com
```

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Developer Tools > CodeBuild > Build projects > brain-tasks-app

Build history

Build run	Status	Build number	Source version	Submitter	Duration	Completed
brain-tasks-app#efbc/063-abe2-445a-49b3-ee1fc8dad6e8	Succeeded	7	arn:aws:s3:::codepipeline-e-ap-south-1-087bad5a94fd-4fad-ae37-e0000d968e61/brain-tasks-app/SourceArti/ivorJWc	codepipeline/brain-tasks-app	21 seconds	21 minutes ago
brain-tasks-app#81838d1a-57e0-4074-8951-f60b4a86e122	Failed	6	arn:aws:s3:::codepipeline-e-ap-south-1-087bad5a94fd-4fad-ae37-e0000d968e61/brain-tasks-app/SourceArti/ivorJWc	codepipeline/brain-tasks-app	16 seconds	28 minutes ago
brain-tasks-app#0911a20-132f-4900-9eb1-8c5b899a368b	Failed	5	arn:aws:s3:::codepipeline-e-ap-south-1-087bad5a94fd-4fad-ae37-e0000d968e61/brain-tasks-app/SourceArti/ivorJWc	codepipeline/brain-tasks-app	16 seconds	29 minutes ago

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