

## ##### The server used for deploying an application #####

The screenshot shows the AWS Management Console for the 'us-east-1' region. The left sidebar contains navigation links for EC2, including Dashboard, EC2 Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, and AMI Catalog. The main content area is titled 'Instances (1) Info'. It features a search bar, a table of instances, and a 'Launch Instances' button. The table lists one instance: 'node.js-app' with ID 'i-0d8db5f3cb427ef6f', in a 'Running' state, of type 't3.micro', with '3/3 checks passed', and in the 'us-east-1c' availability zone. Below the table is a 'Select an instance' section.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
node.js-app	i-0d8db5f3cb427ef6f	Running	t3.micro	3/3 checks passed	View alarms +	us-east-1c

## ##### The Github action process #####

The screenshot shows a GitHub Actions workflow run for the repository 'Syedmujtaba2002 / node.js-demo-app'. The workflow is named 'main.yml' and is triggered by a push to the 'main' branch. The run is successful and took 50 seconds. The workflow steps are: 'build-test' (11s), 'docker' (25s), and 'deploy' (5s). The left sidebar shows the 'Summary' tab, which includes a list of jobs: 'build-test', 'docker', and 'deploy'. The right sidebar shows the 'Workflow file' tab, which contains the workflow definition.

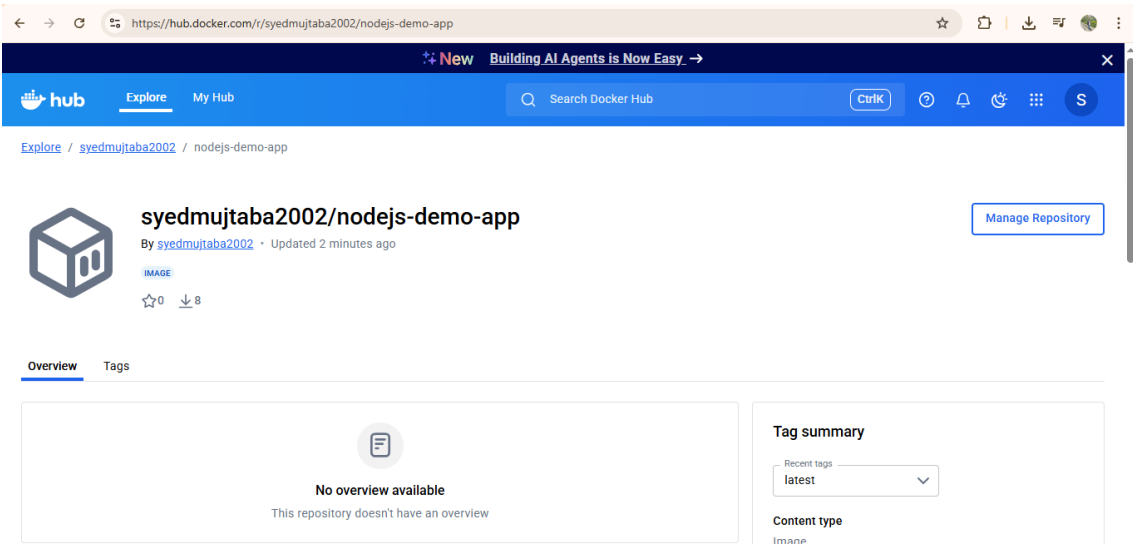
```
main.yml
on: push

jobs:
  build-test:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v2
      - uses: actions/setup-node@v2
      - run: npm install
      - run: npm test

  docker:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v2
      - uses: docker/setup-buildx-action@v1
      - uses: docker/build-push-action@v2
      - uses: docker/login-action@v1
      - uses: docker/label-actions@v1

  deploy:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v2
      - uses: aws-actions/configure-aws-credentials@v1
      - uses: aws-actions/create-ec2-instance@v1
```

##### Image is pushed into docker Hub #####



##### The final output #####

