ELEVATE LABS INTERNSHIP TASK DAY - 1

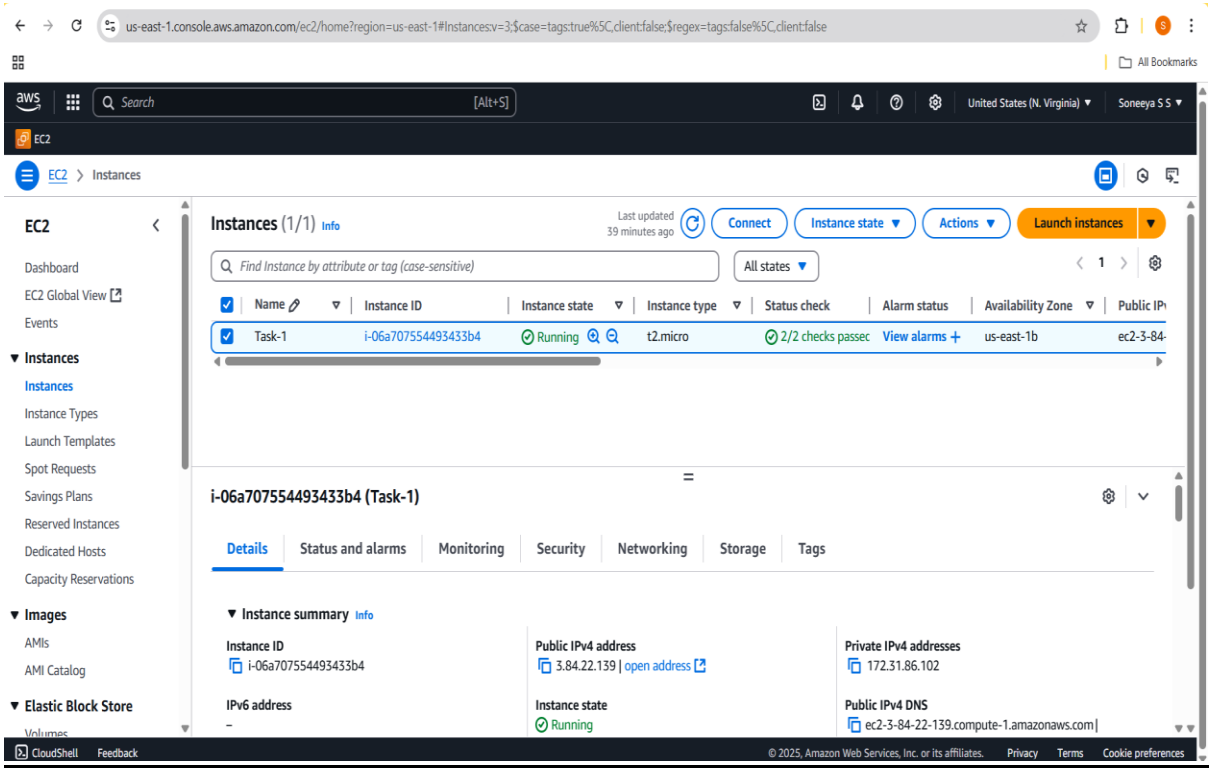
✅ Task Checklist Review

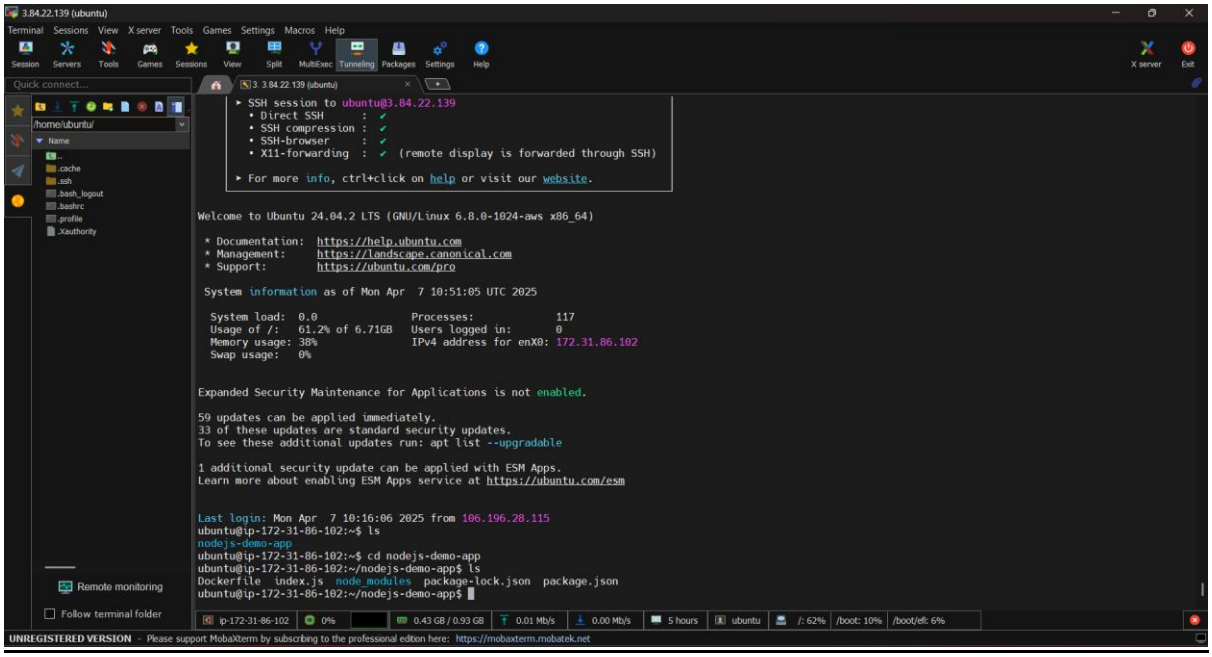
Task Requirement	Status	Notes
Set up CI/CD pipeline with GitHub Actions	✅ Completed	created and tested .github/workflows/main.yml.
Use Node.js app as base	✅ Completed	used a sample Node.js app (nodejs-demo-app).
Automate: test → build → push	✅ Completed	GitHub Actions does all three in order.
Configure DockerHub for image deployment	✅ Completed	Docker image successfully pushed to Docker Hub via GitHub Actions.
Trigger on push to main	✅ Completed	Confirmed from GitHub Actions trigger.
Deliverable: GitHub repo with CI/CD workflow	✅ Completed	You now have a working repo + YAML pipeline.

📁 Deliverables

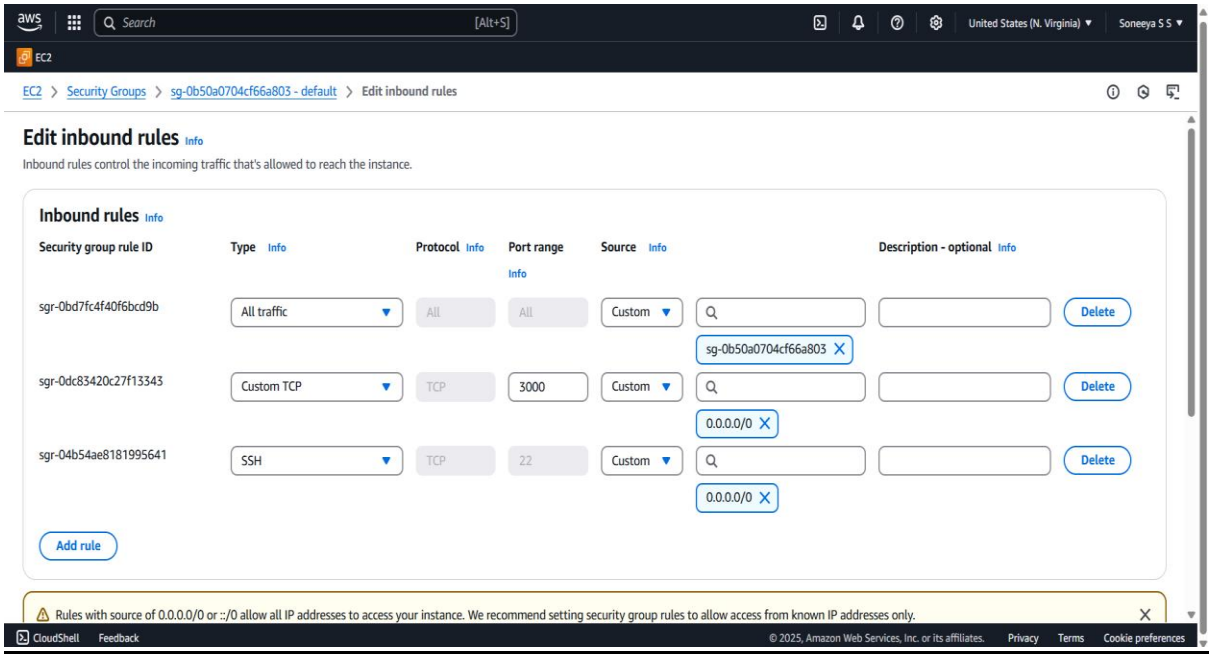
- ✅ **.github/workflows/main.yml file created and working**
- ✅ **Node.js project set up**
- ✅ **Docker image automatically built and pushed**
- ✅ **Pipeline triggered on code push**
- ✅ **Deployment automation verified via GitHub Actions UI**

CREATED EC2 INSTANCE WITH UBUNTU AMI AND CONNECTED IT WITH MOBAXTERM

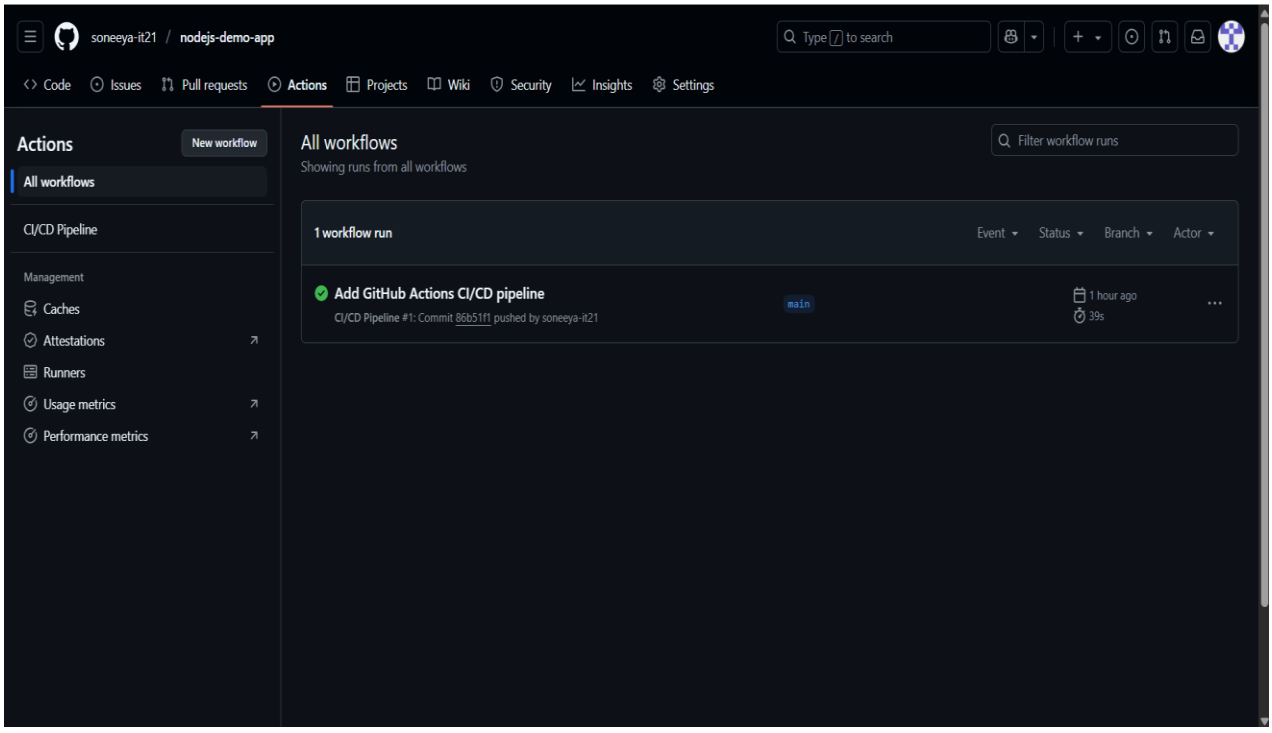


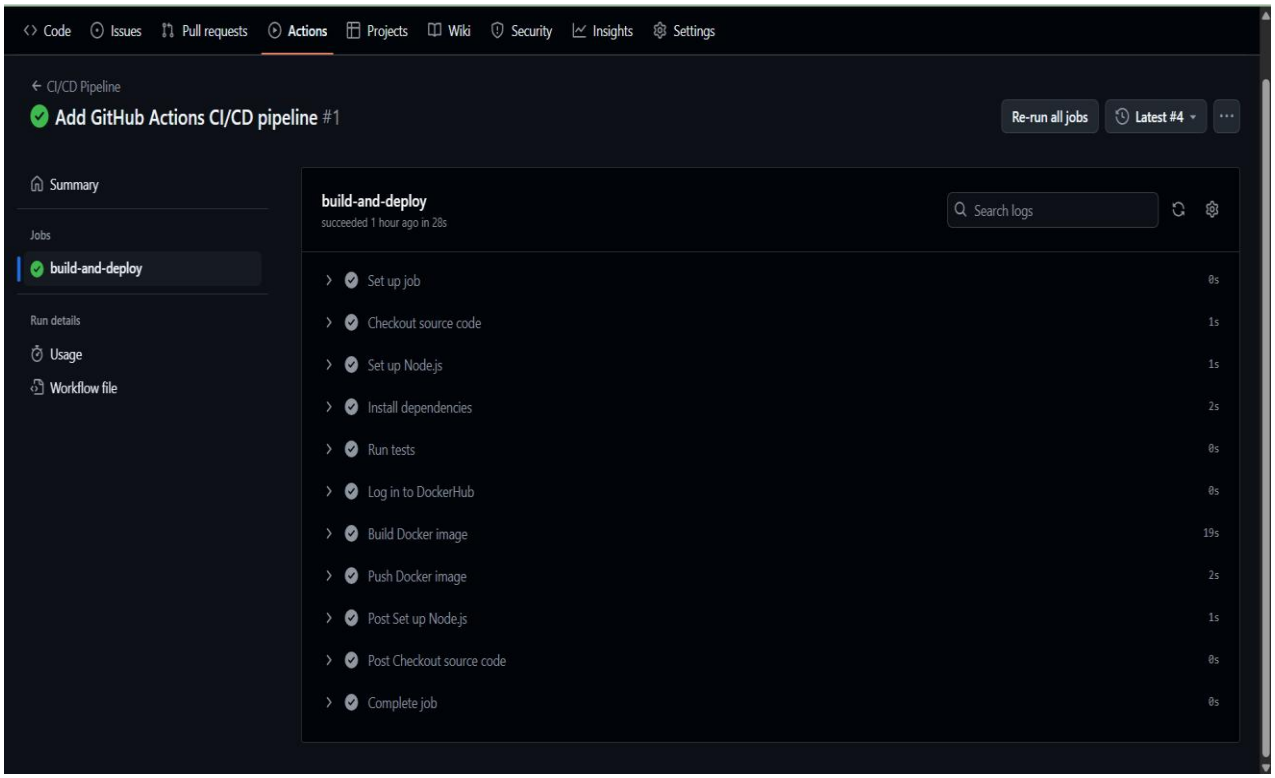


ALLOW THE TRAFFIC AND SET THE PORT RANGE

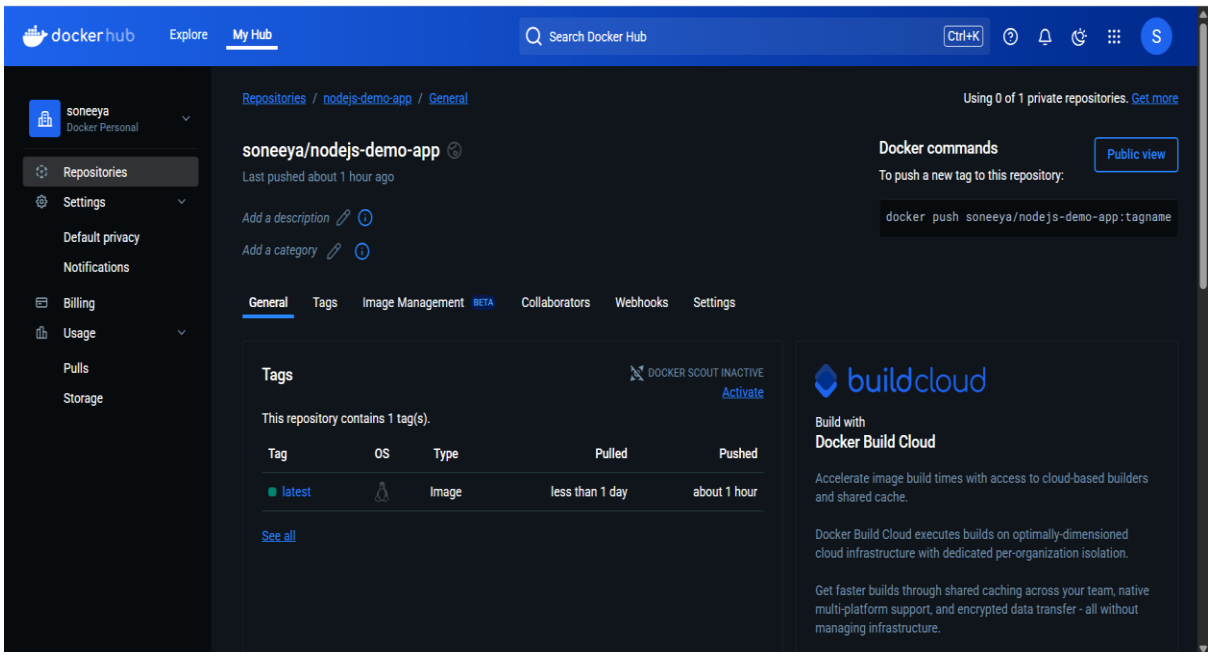


GITHUB REPO WITH CI/CD WORKFLOW





DOCKERHUB IMAGE DEPLOYMENT



NODE.JS APP BASE