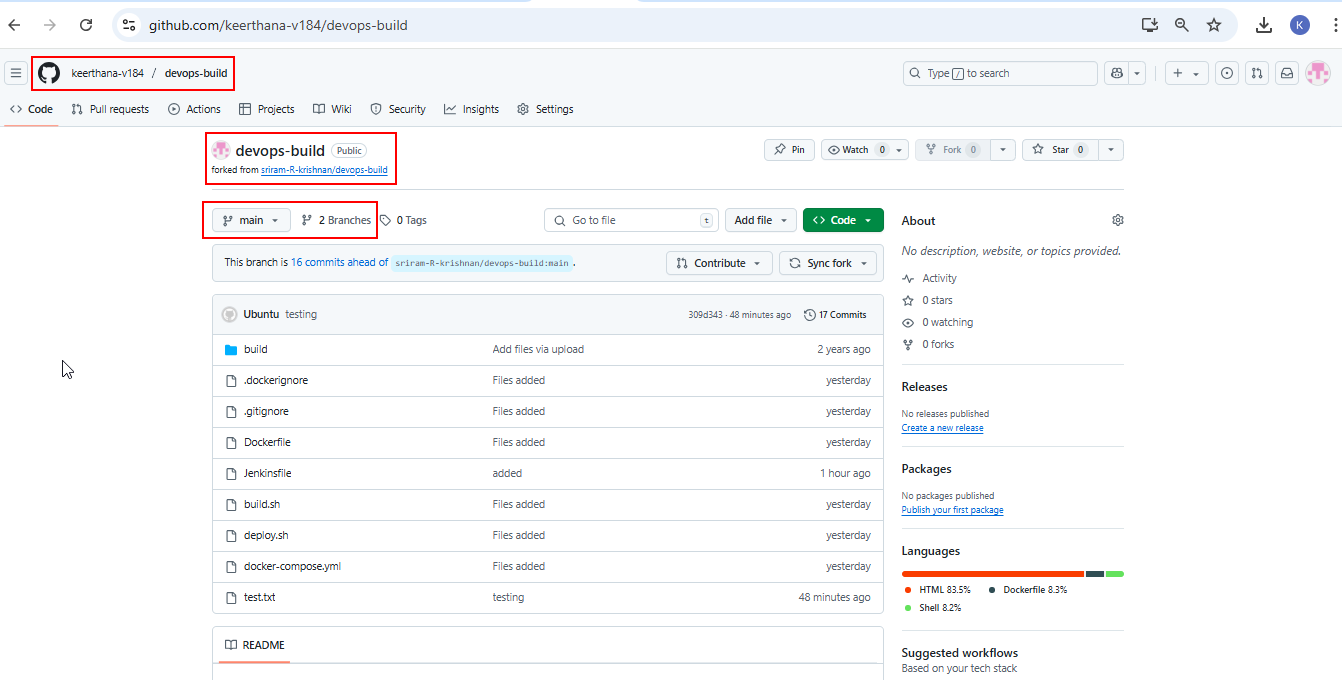
**React E-commerce Application Deployment – Screenshots**

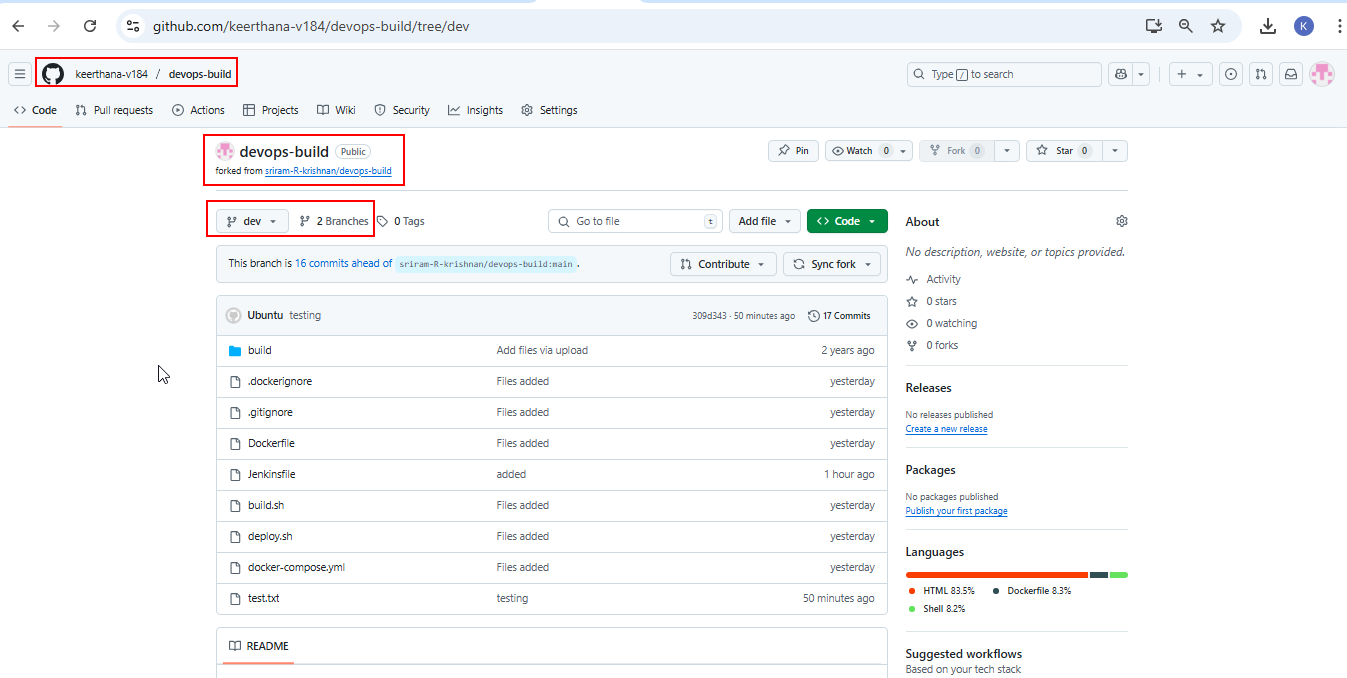
**GitHub Repo URL**

* <https://github.com/keerthana-v184/devops-build.git>

**GitHub – main branch**



**GitHub – dev branch**



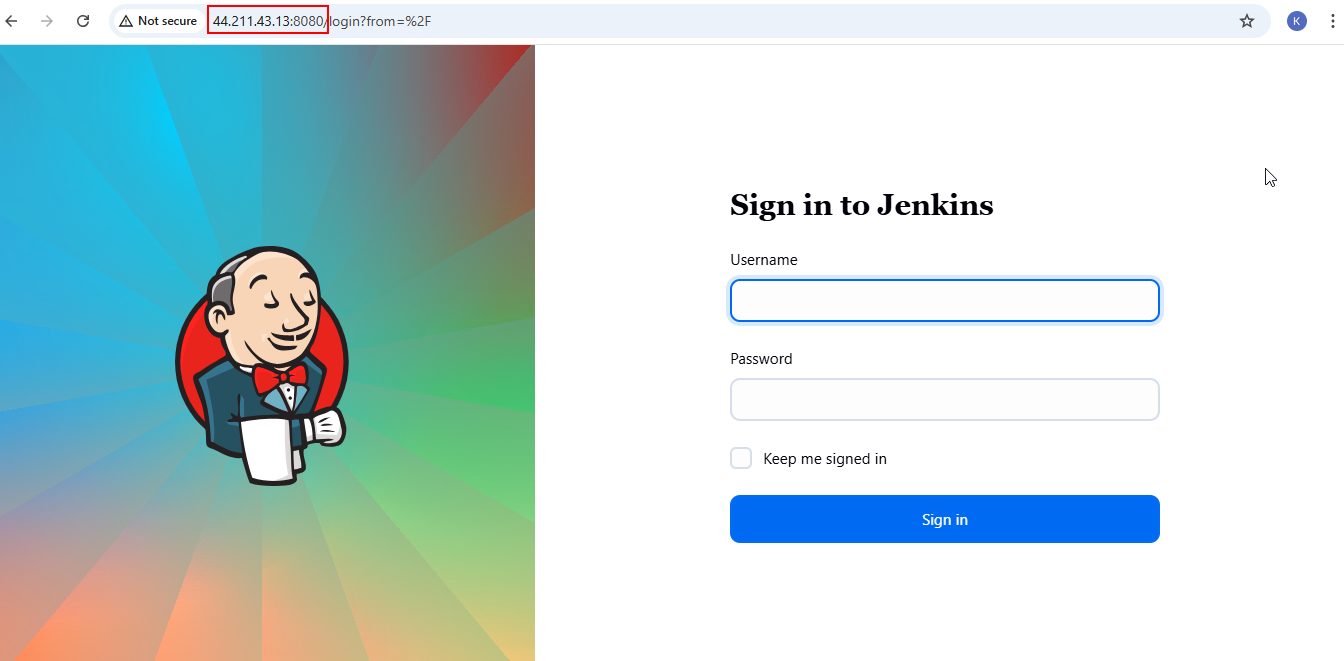
**Deployed site URL**

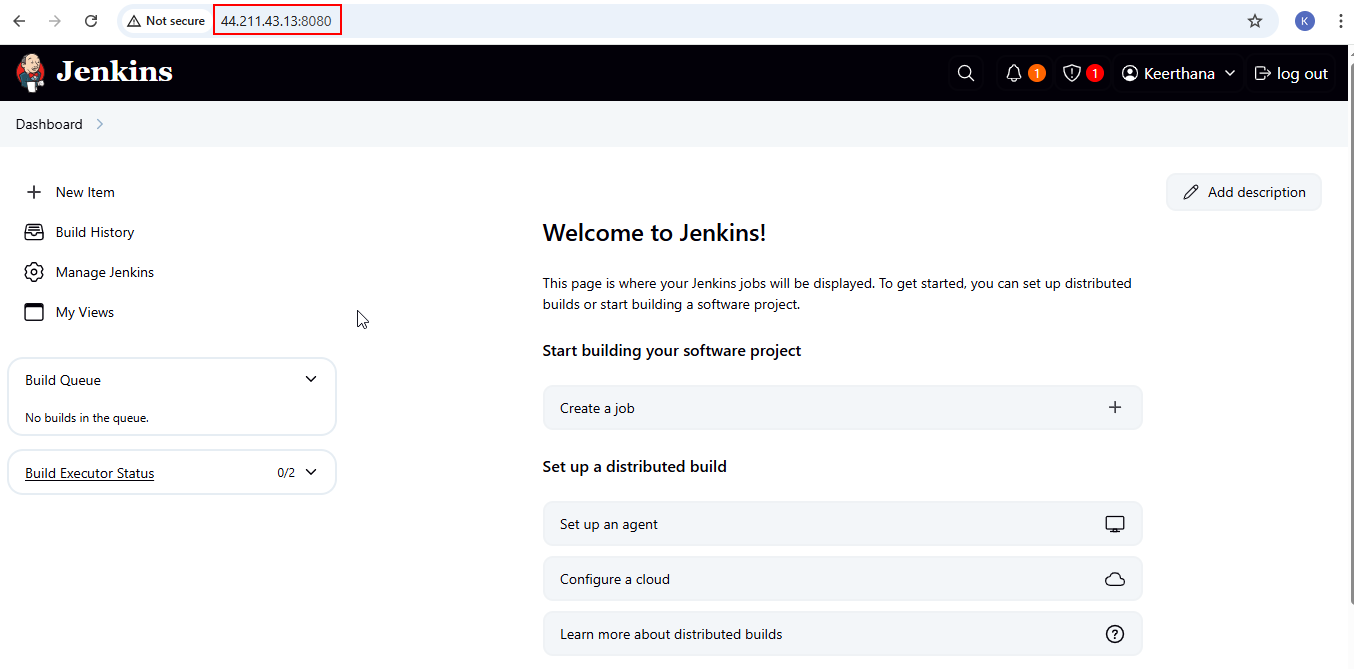
* React Application deployed site URL - <http://35.173.187.48>

**Docker Images:**

* Public Repo – iamkeerthana/dev:dev
* Private Repo – iamkeerthana/prod:prod

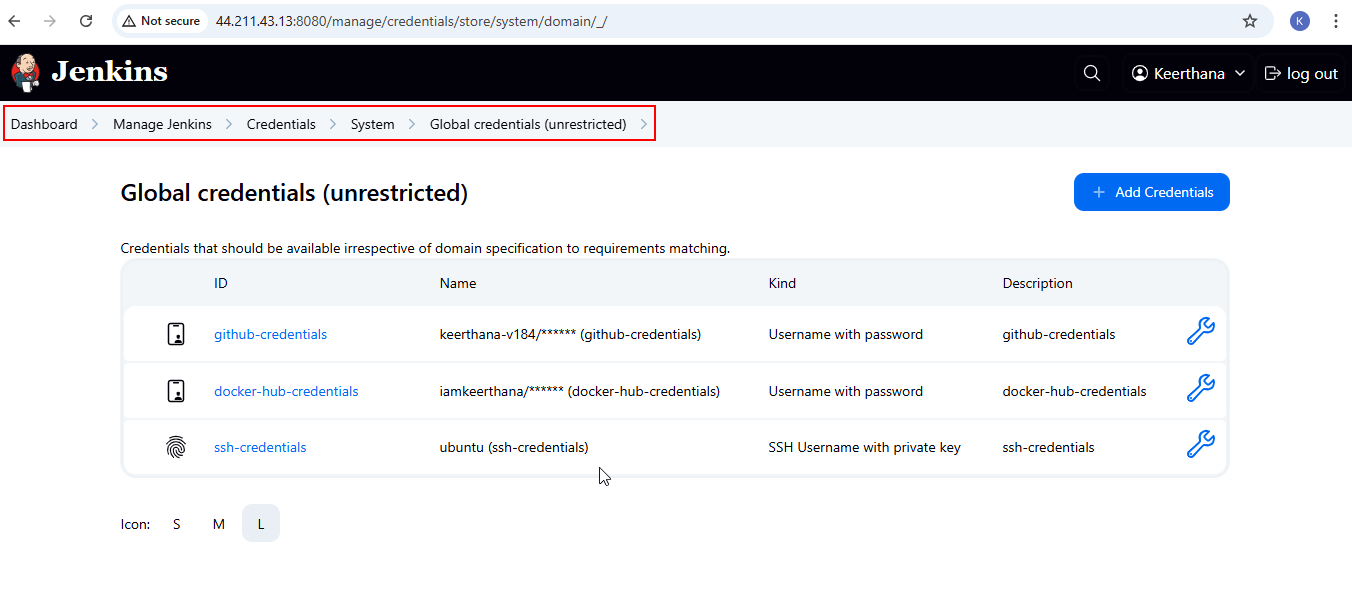
**Jenkins - Login page:**



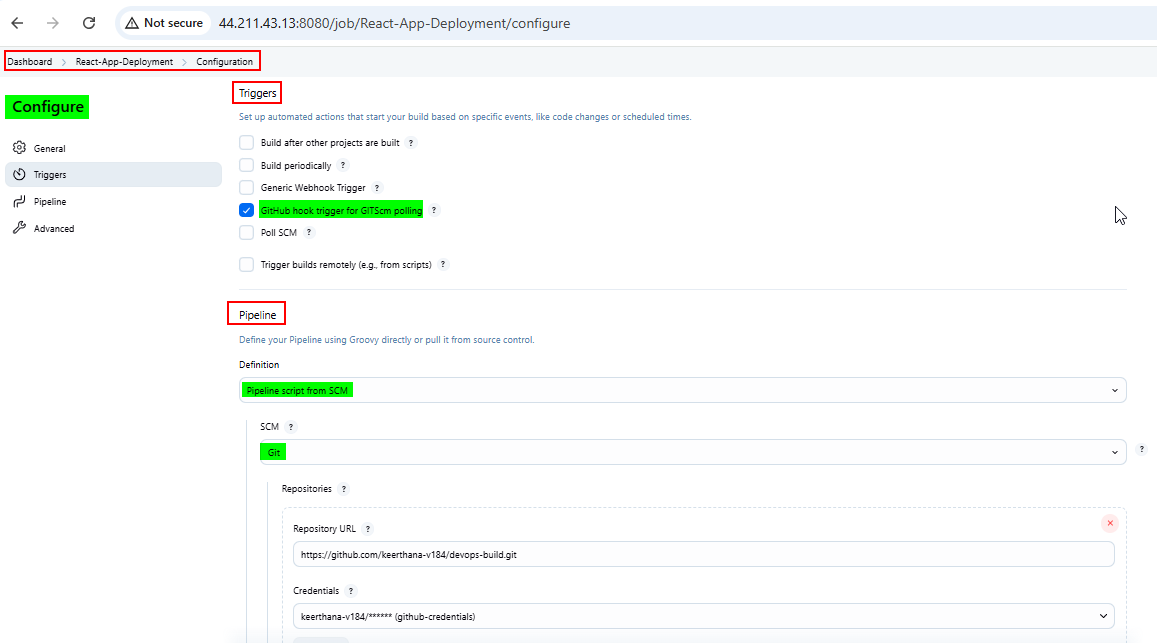


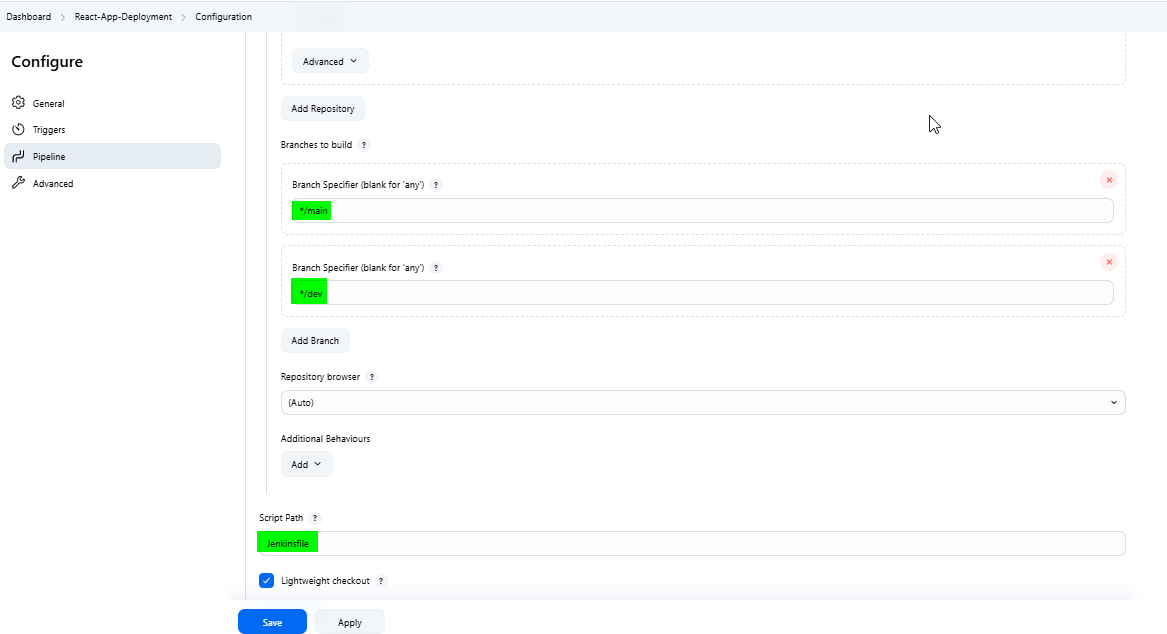
**Jenkins - Configuration settings:**

**Credentials configuration:**

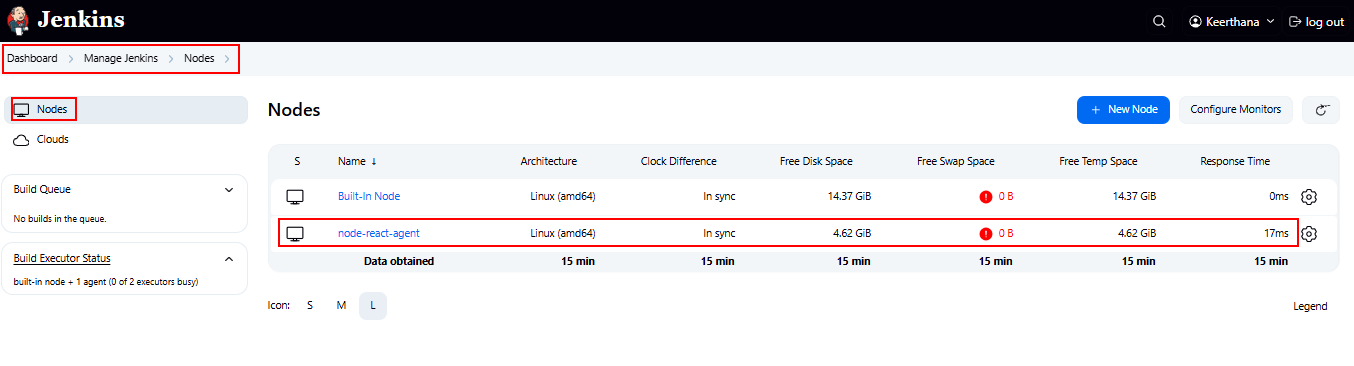


**Pipeline Configuration:**





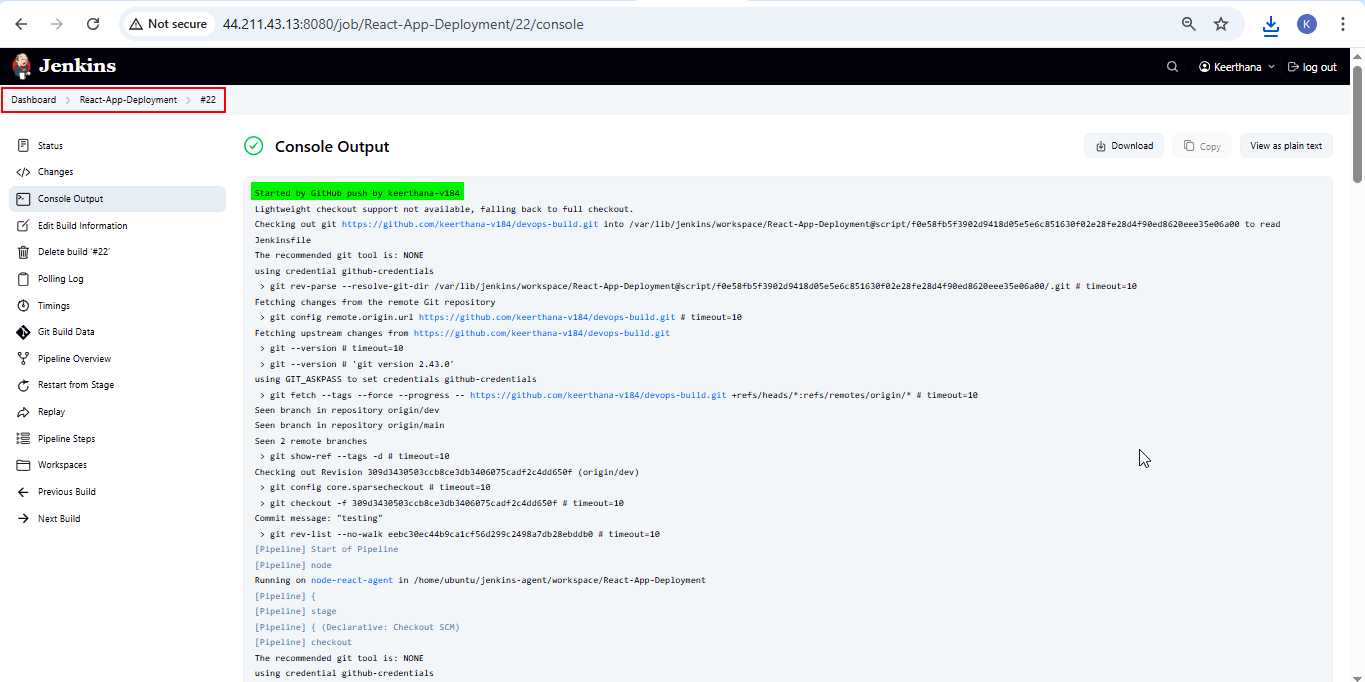
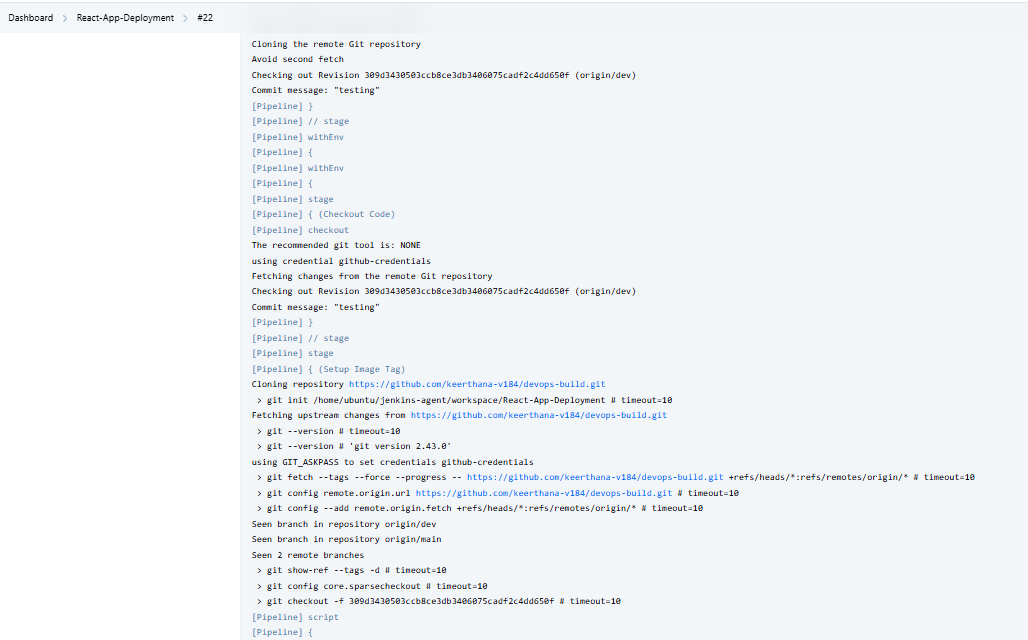
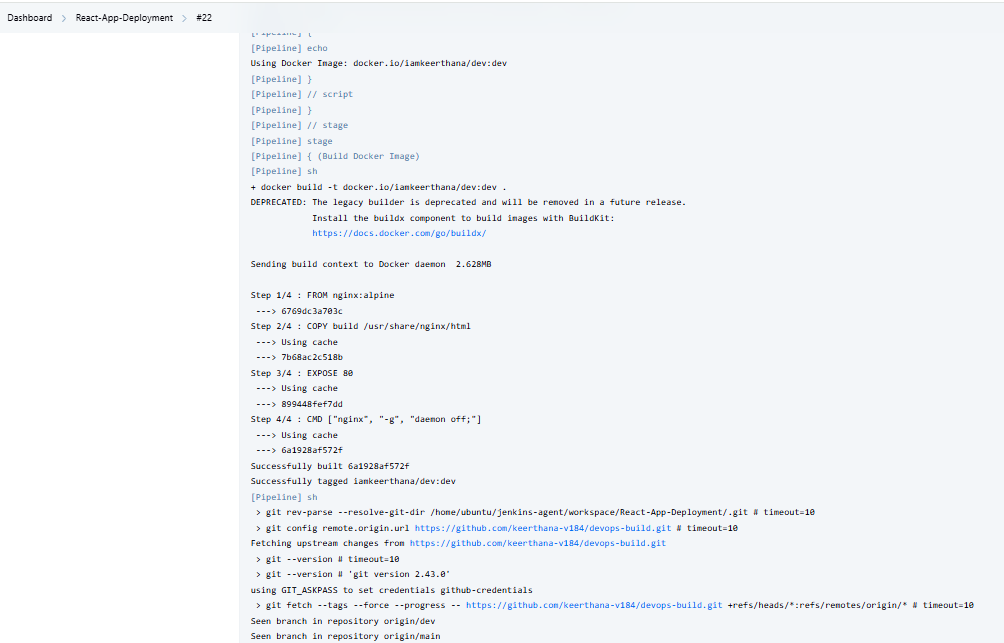
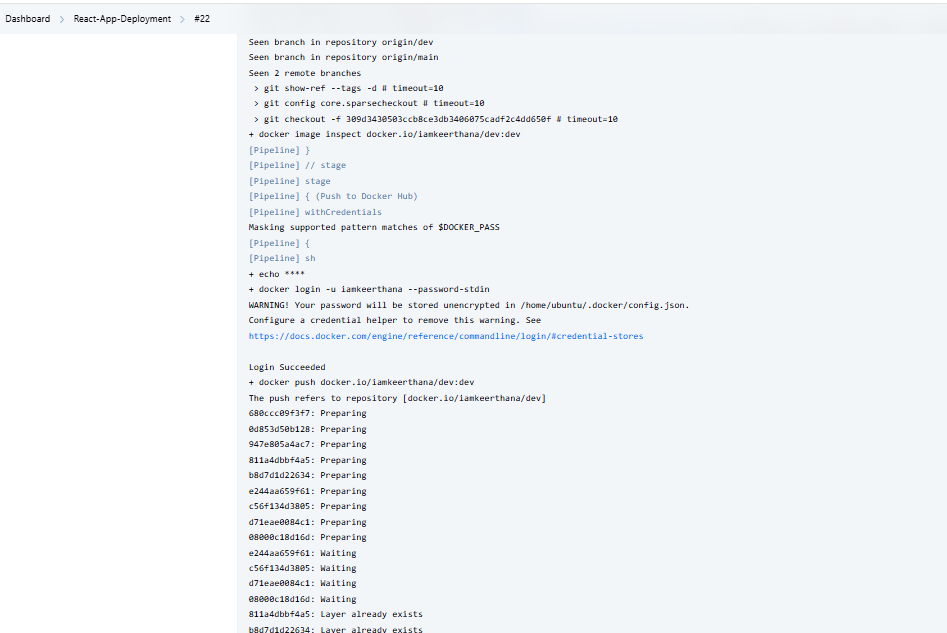
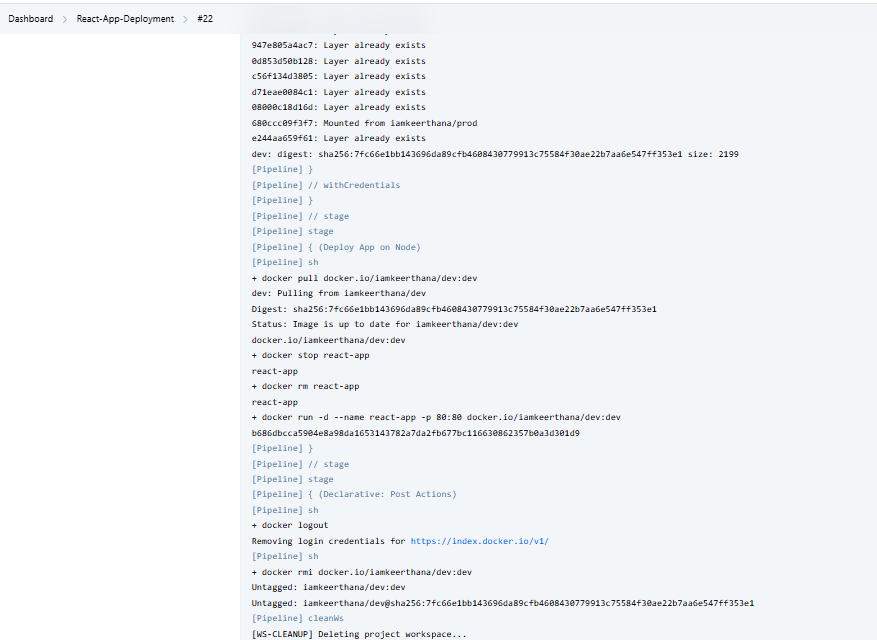
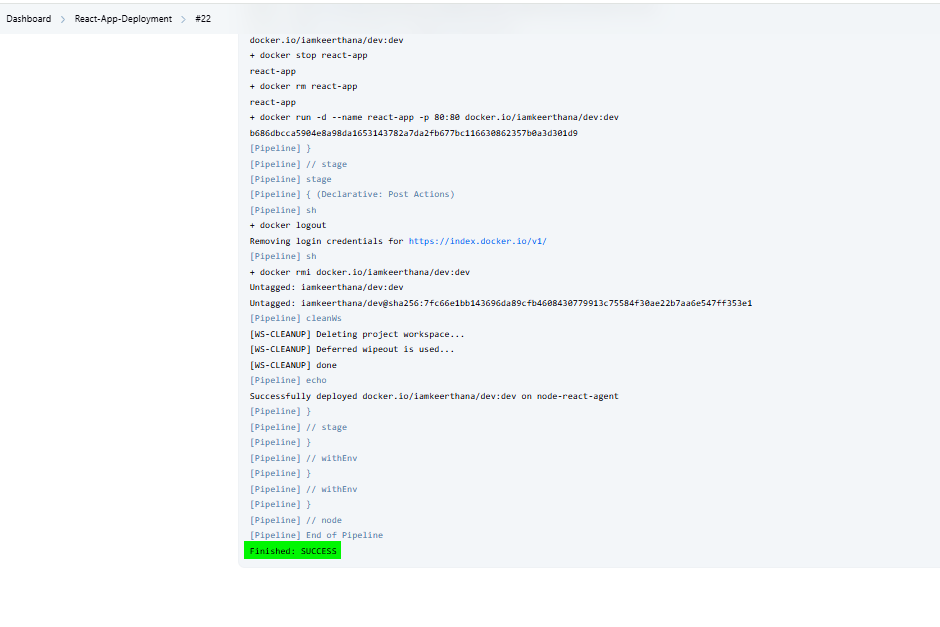
**Node configuration:**

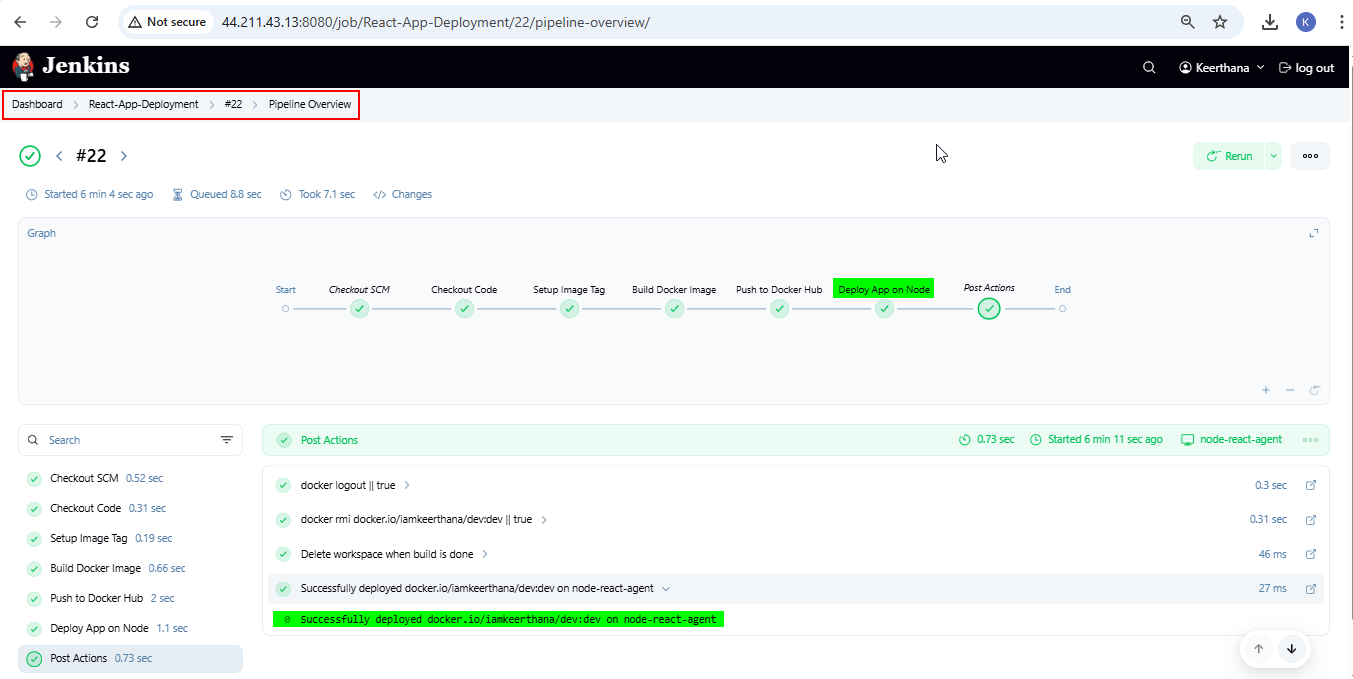


**Execute step commands – Console output**

**Console Output - dev branch**

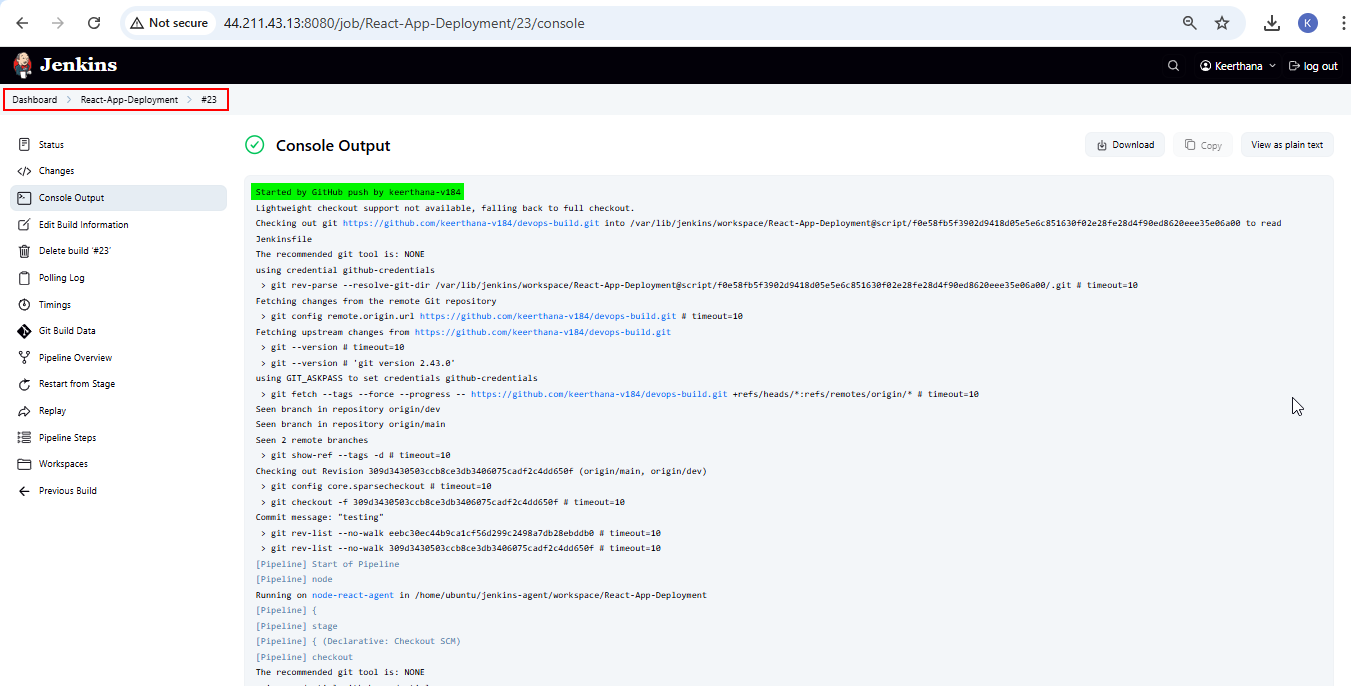
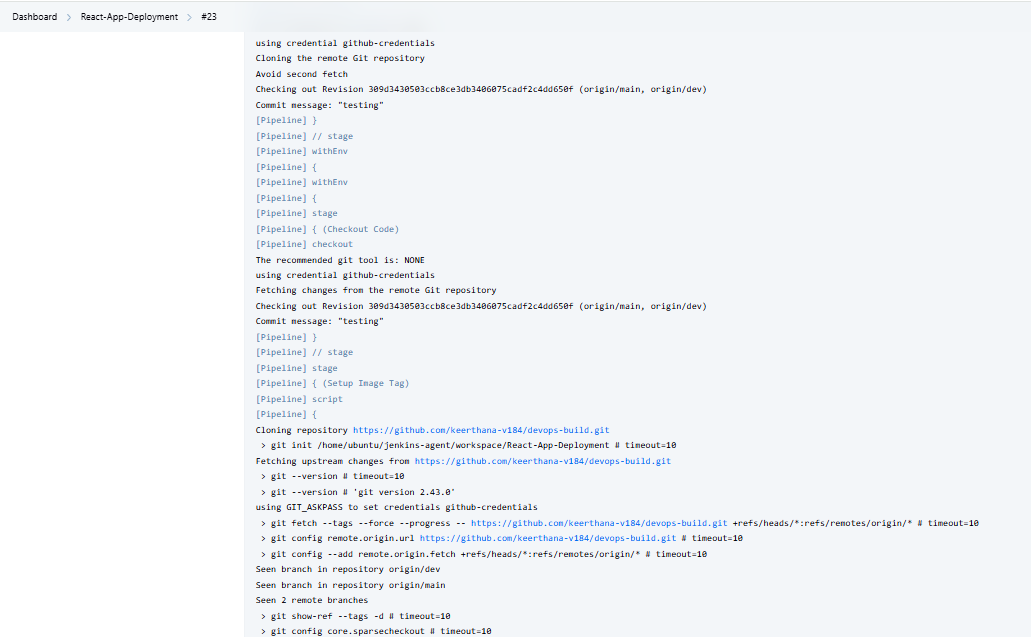
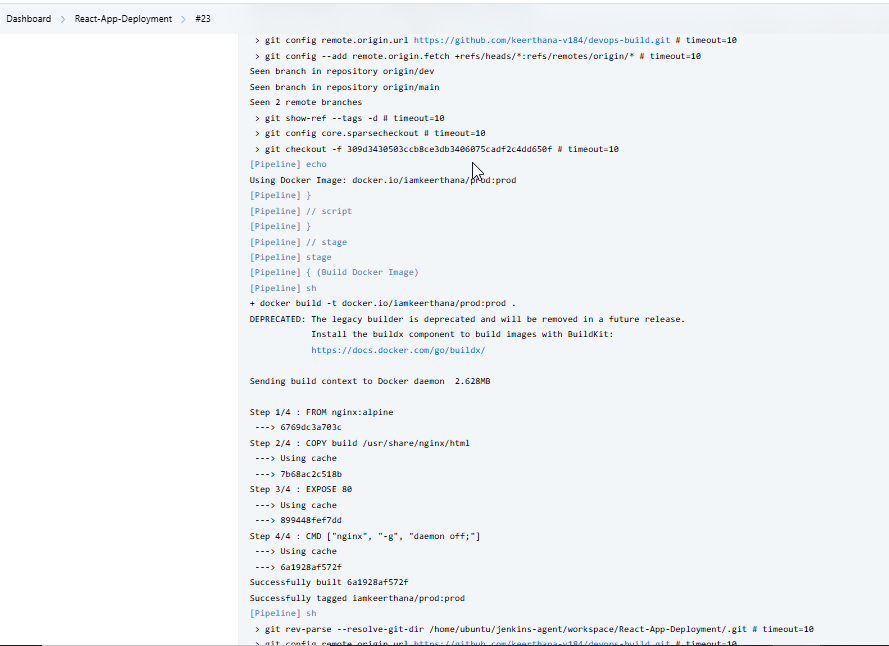
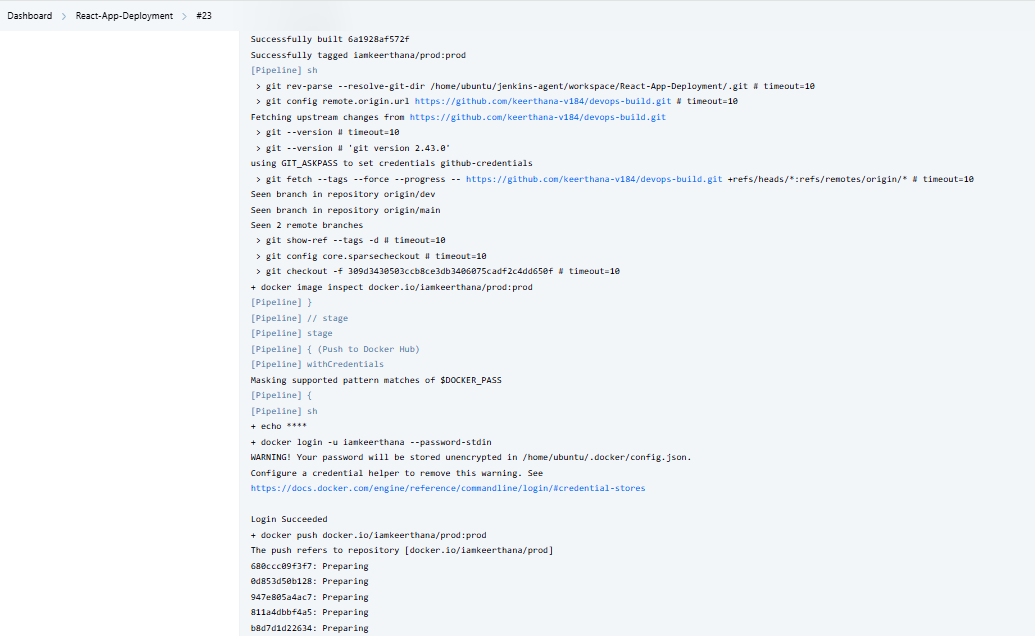
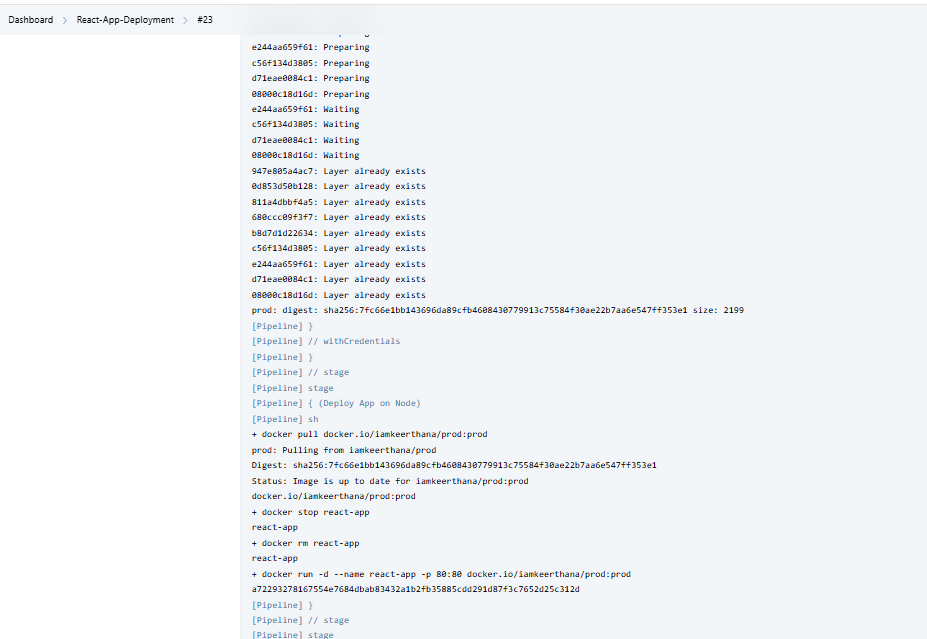
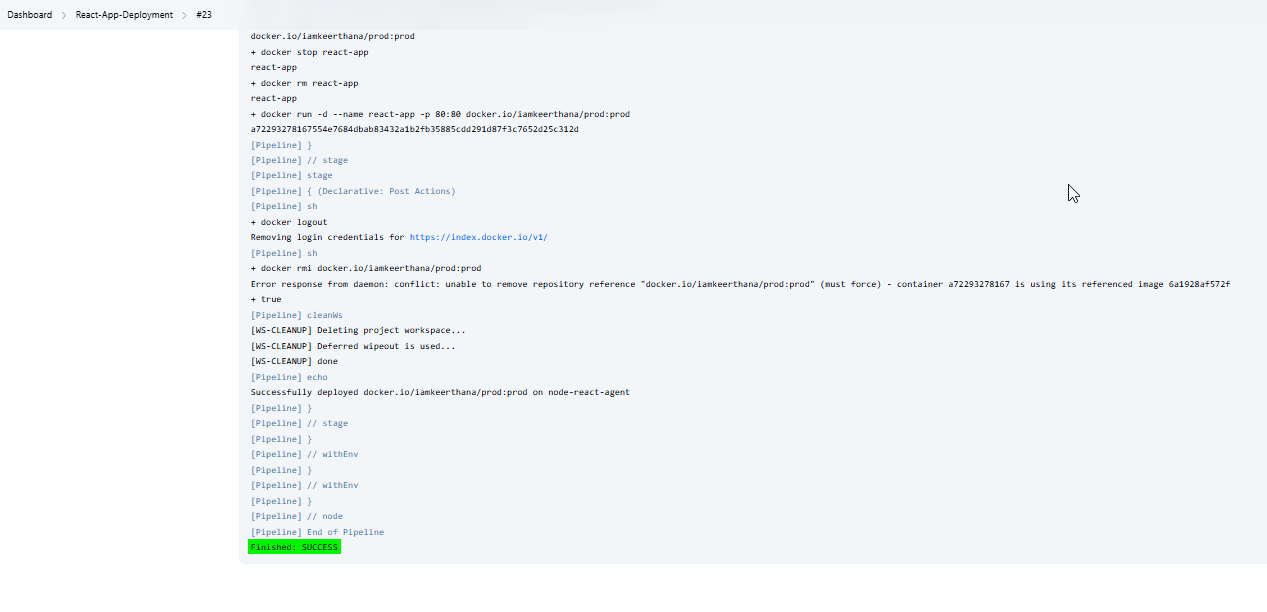
* [Console Output - dev branch #22.txt](Console%20Output%20-%20dev%20branch%20#22.txt)

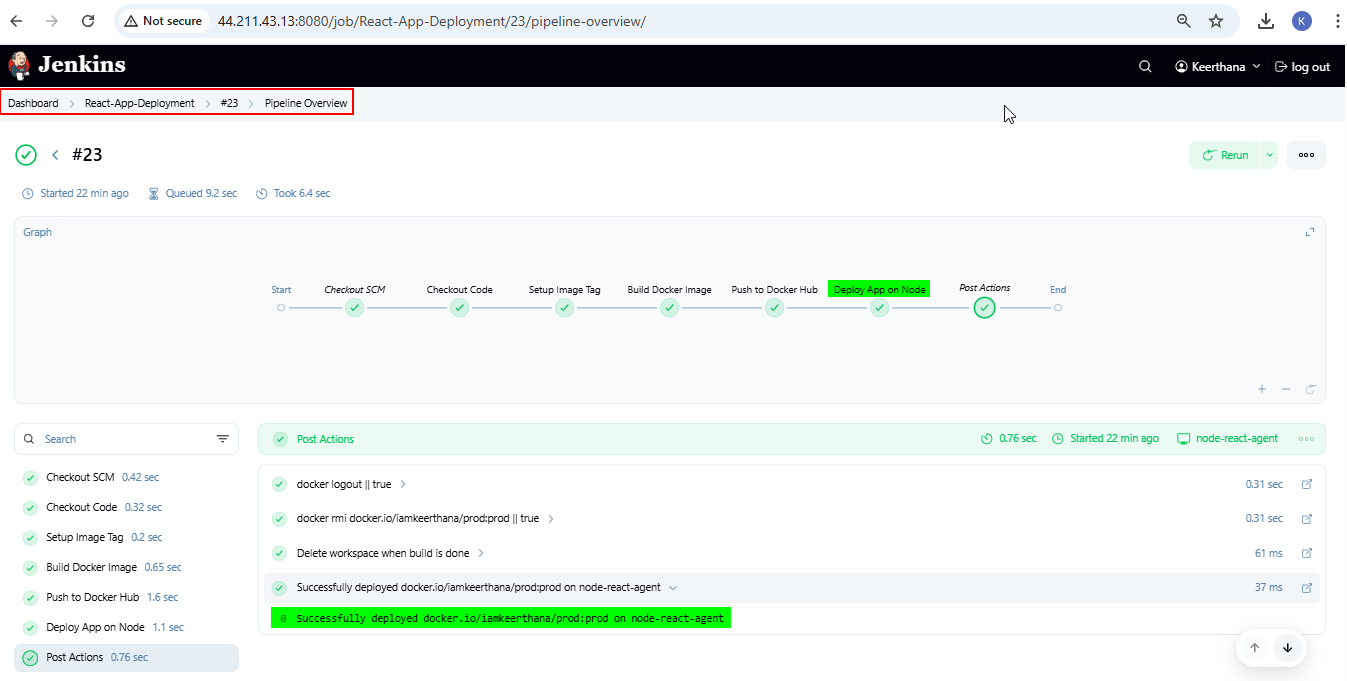
**Pipeline Overview:  
  
**

**Console Output – main branch**

* [Console Output - main branch #23.txt](Console%20Output%20-%20main%20branch%20#23.txt)

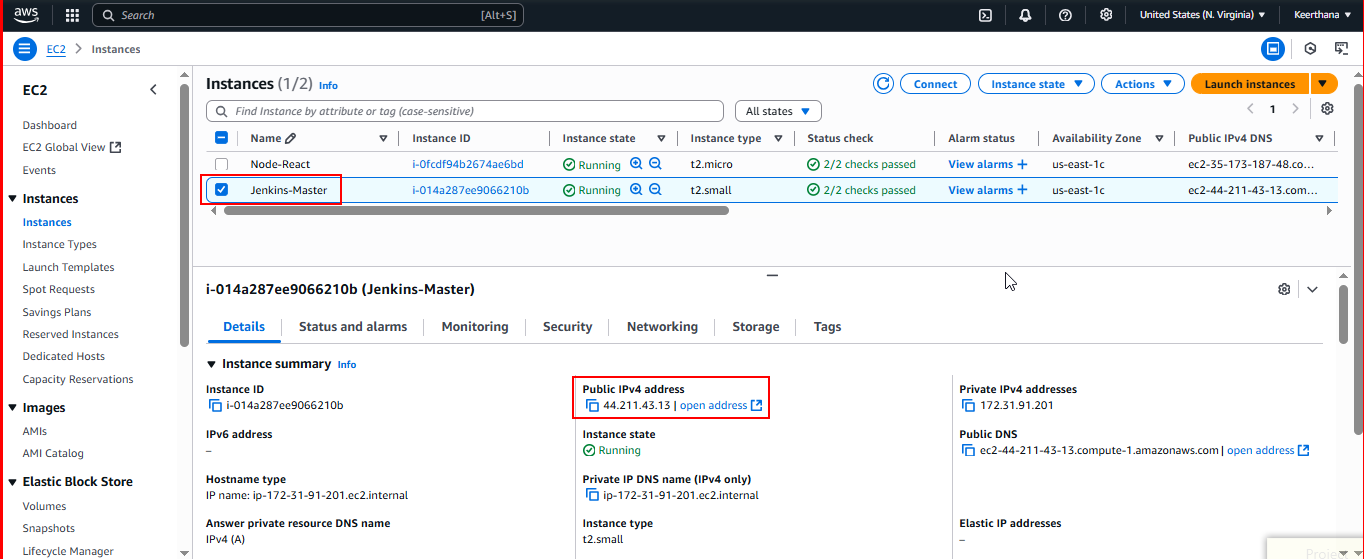
  
  
  
  
  
  
  
  
  
  


**Pipeline Overview:**

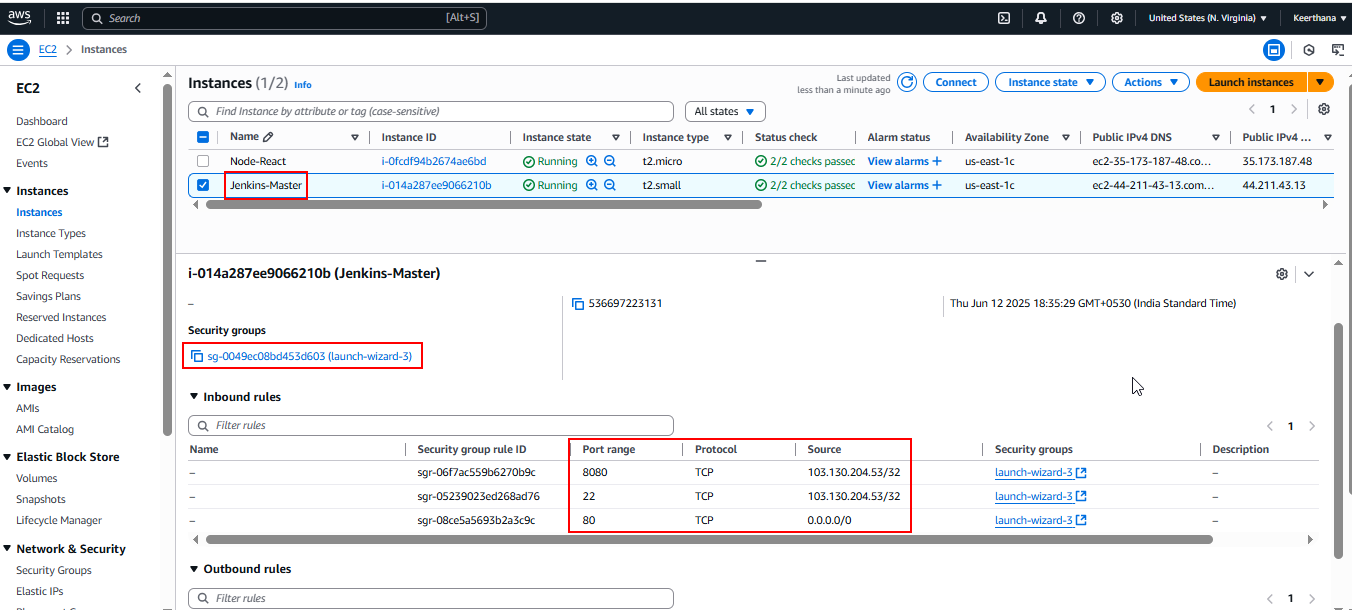


**AWS EC2-Console and SG configs**

**Jenkins-Master Instance:**

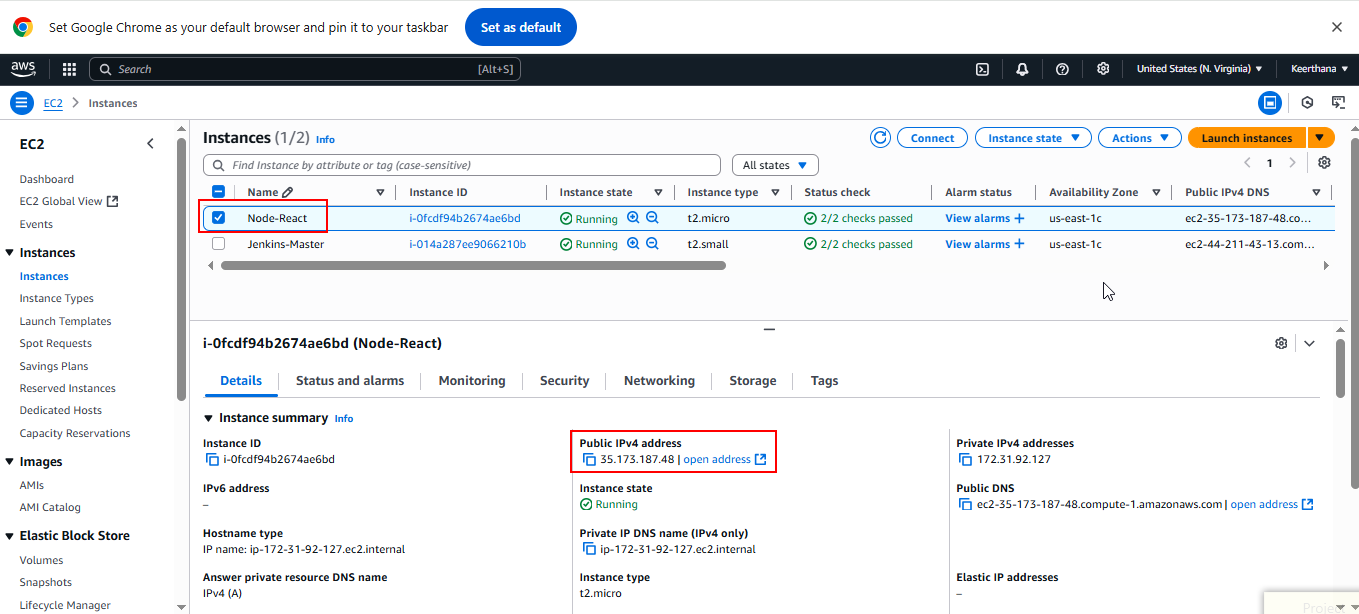


**Jenkins-Master - Security Group**

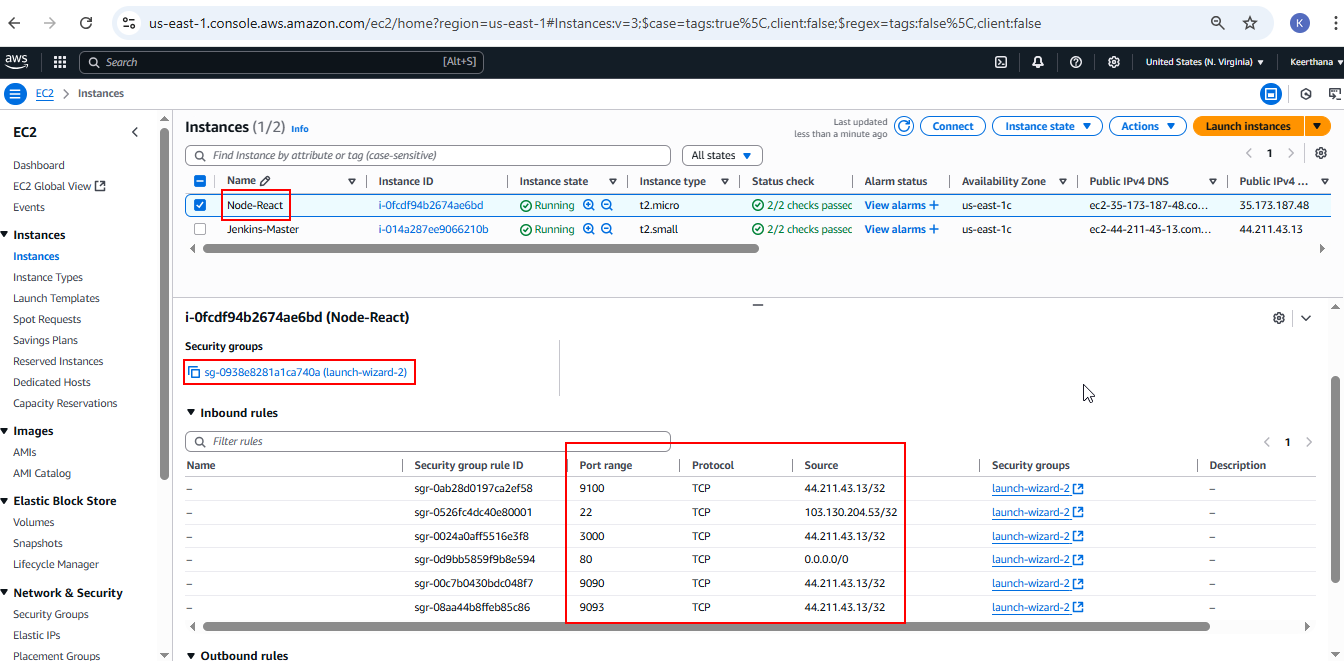


**Node-React Instance:**

* This machine is for deploying the application and working as a agent.
* Monitor the deployed react application in this instance.

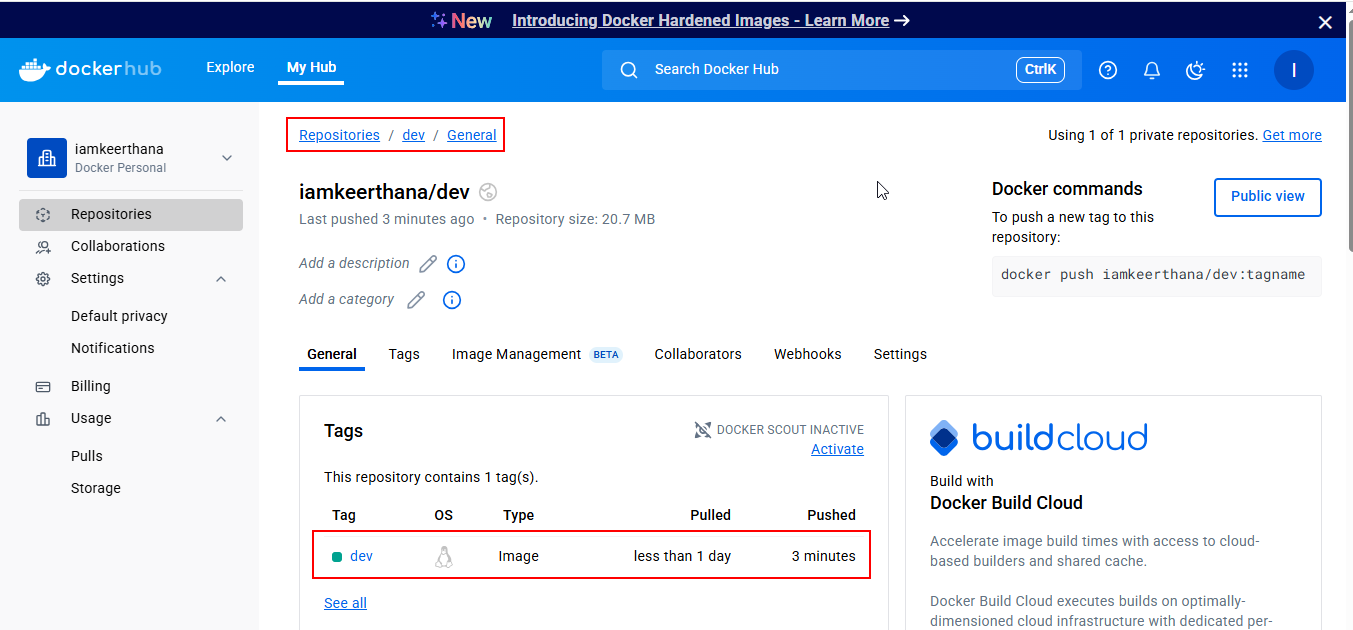


**Node-React – Security Group**

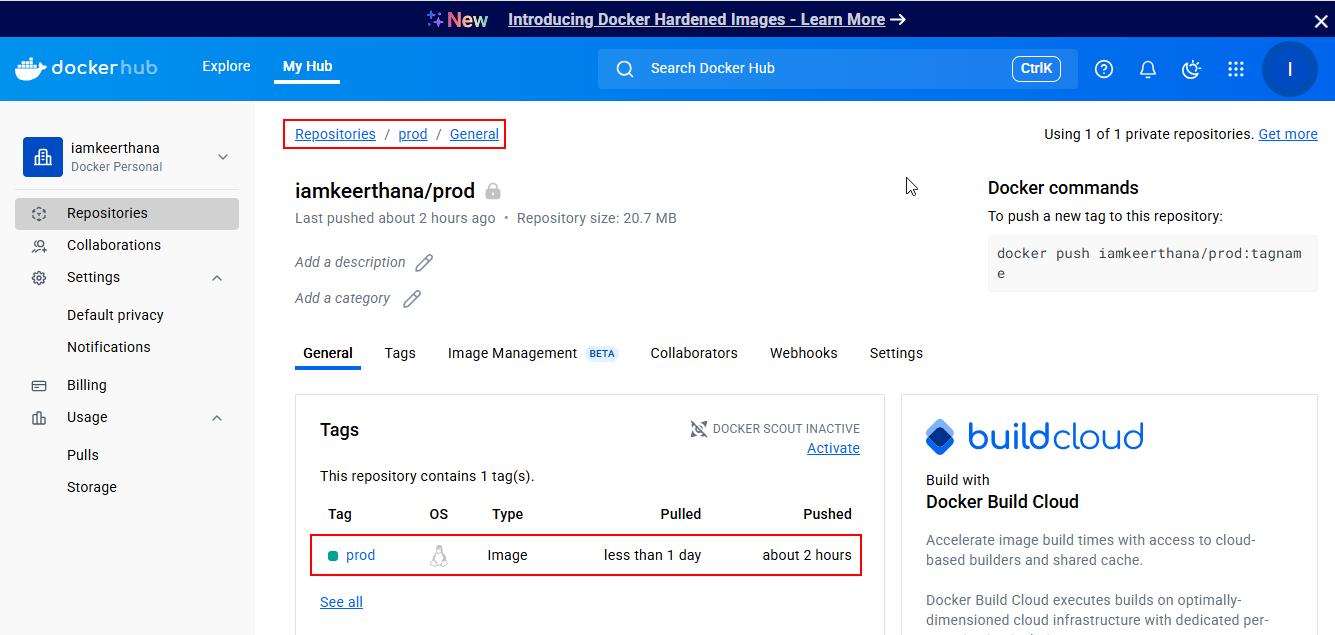


**Docker hub repo with image tags:**

**Public repo – dev repo (dev branch)**

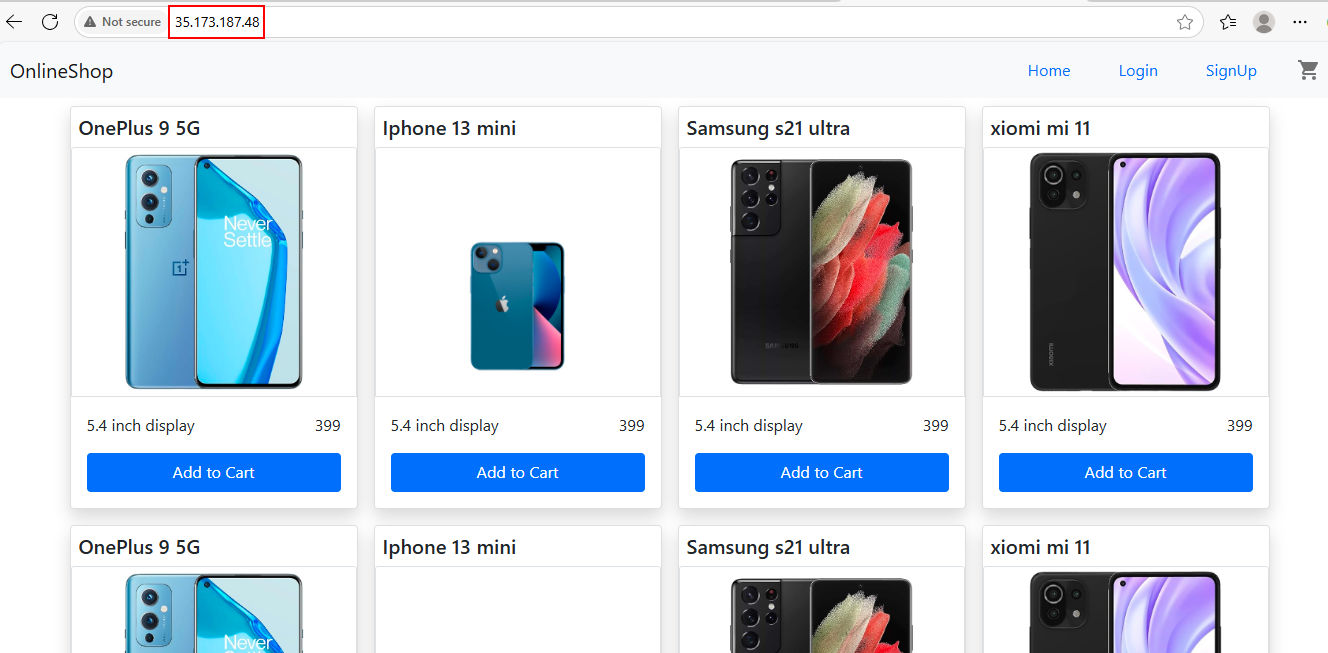


**Private repo – prod repo (main branch)**



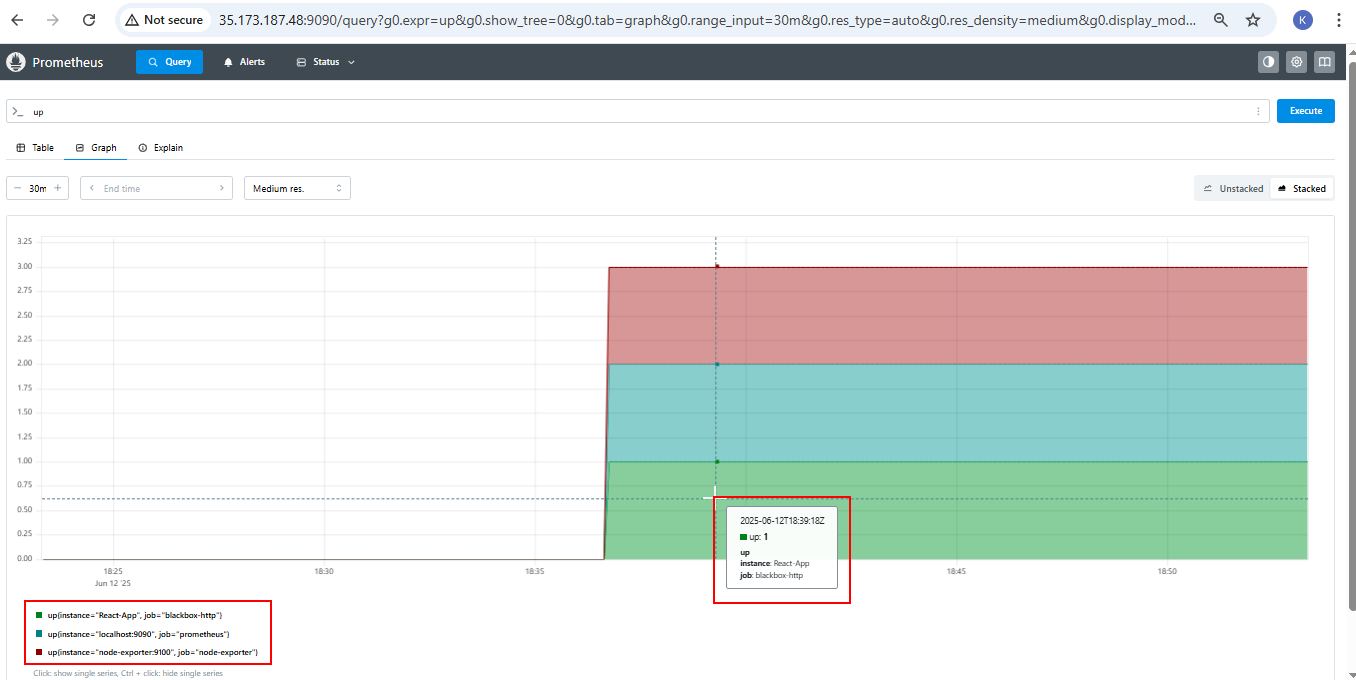
**Deployed Site Page**

* React Application deployed on Node-React instance
* Deployed Site URL - <http://35.173.187.48>

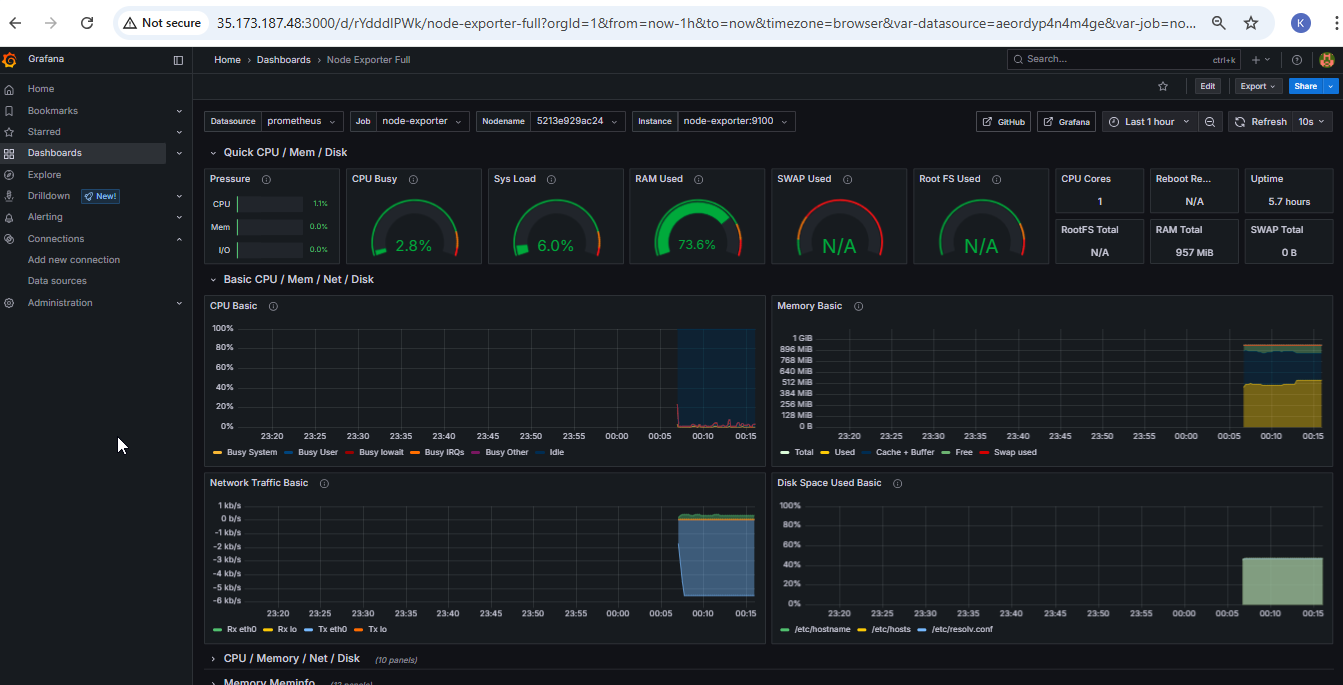


**Monitoring health check status**

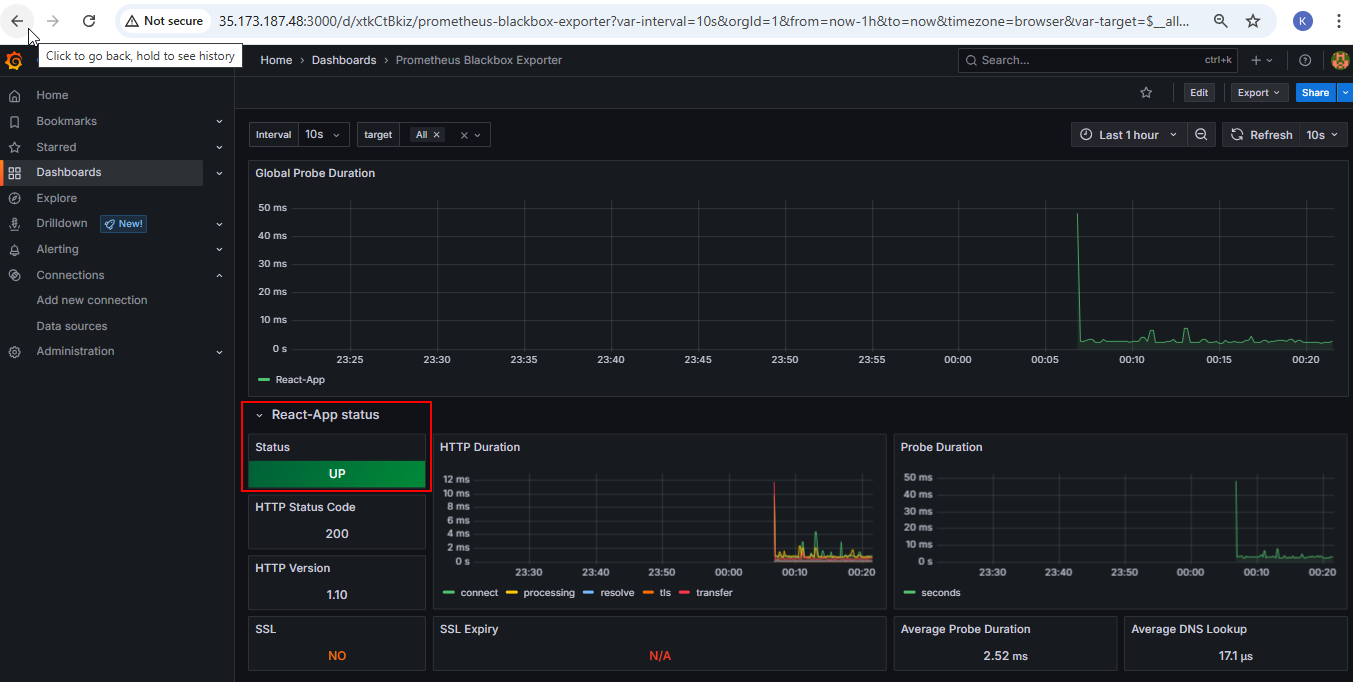
**Health Check in Prometheus Tools**



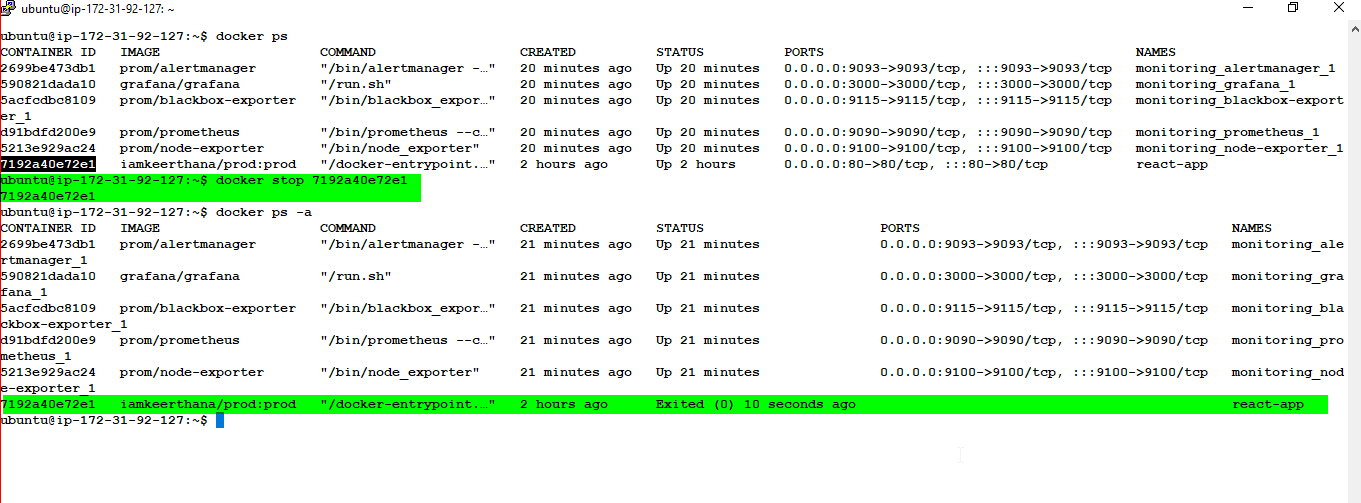
**All Metric Dashboard in Grafana:**



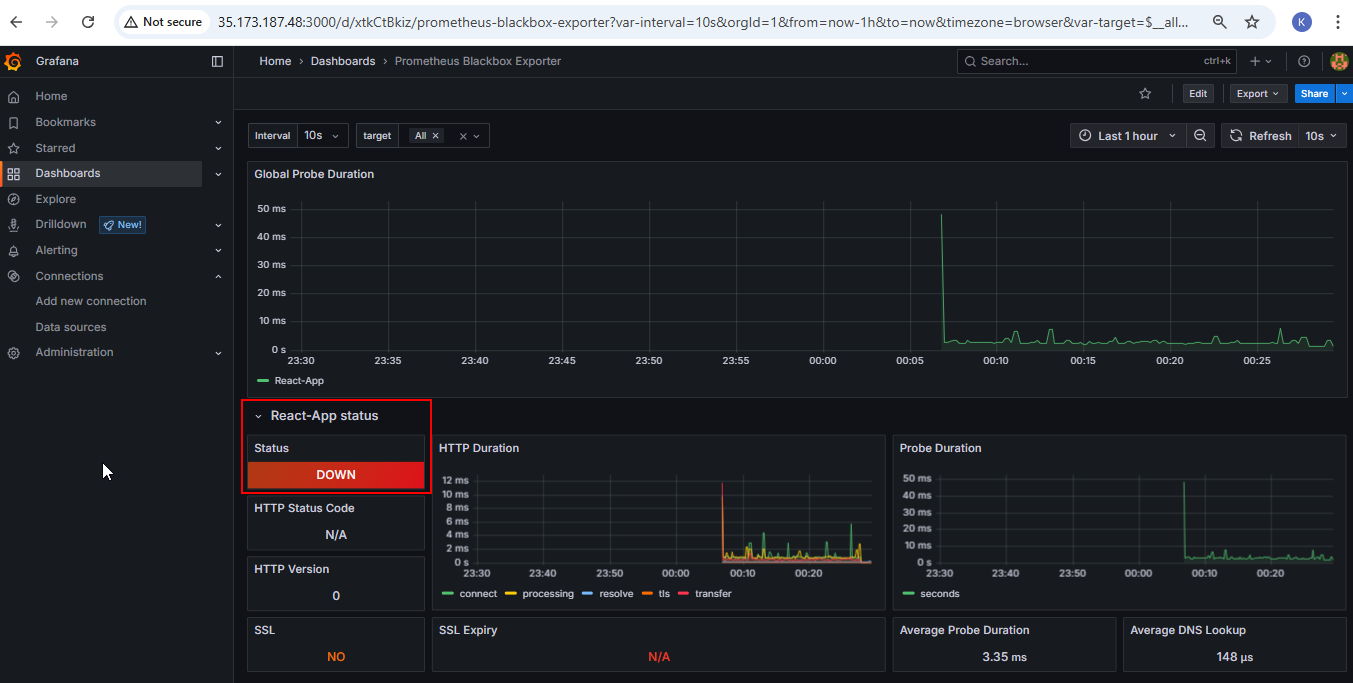
**React-Application Status – UP**



**Manually Stopped the React-App running container to check the Alert:**



**React-Application Status - DOWN**



**Email Alert received when Application container goes down:**

