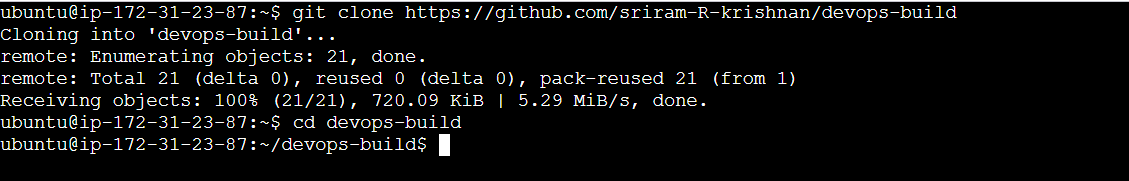
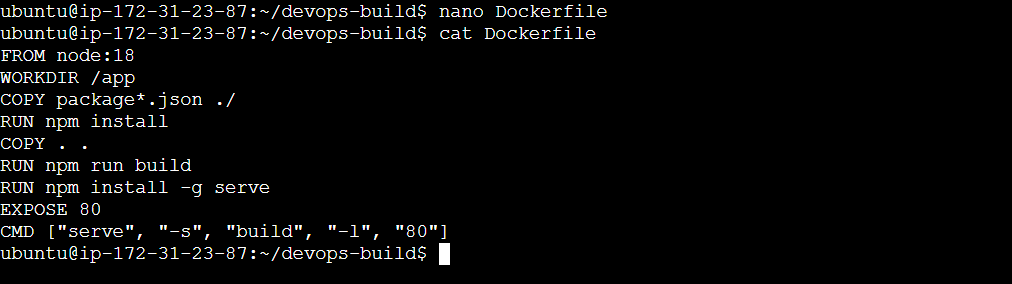
**Application Deployment**

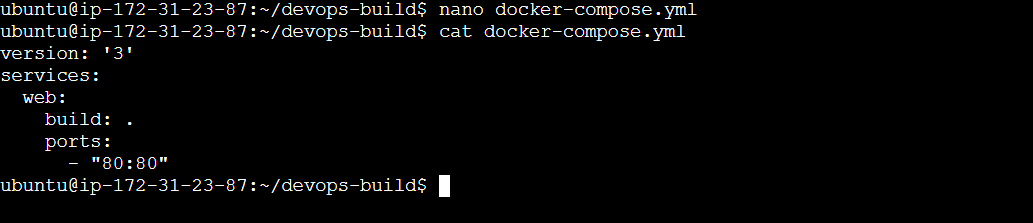
Cloned the Application Repository



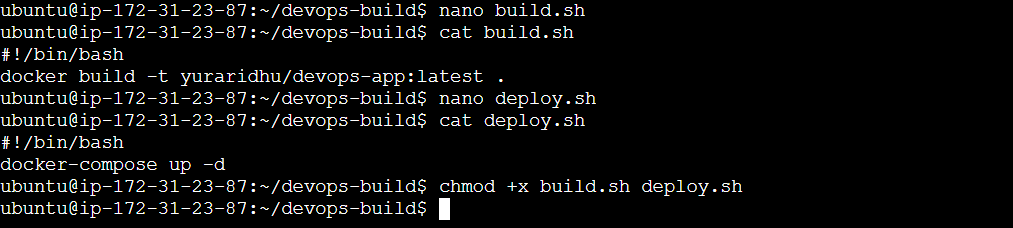
Created Dockerfile



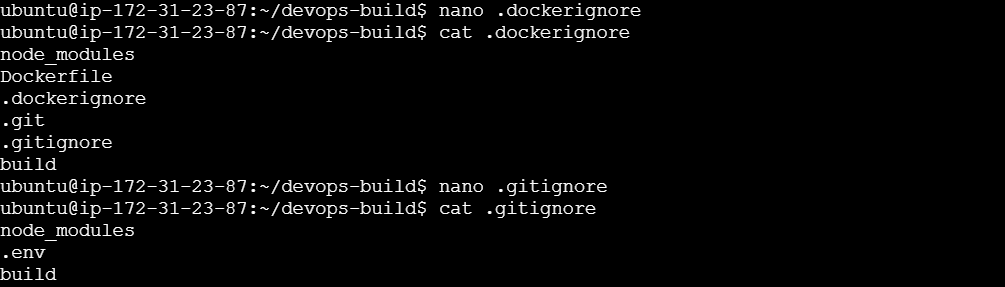
Created docker-compose.yml



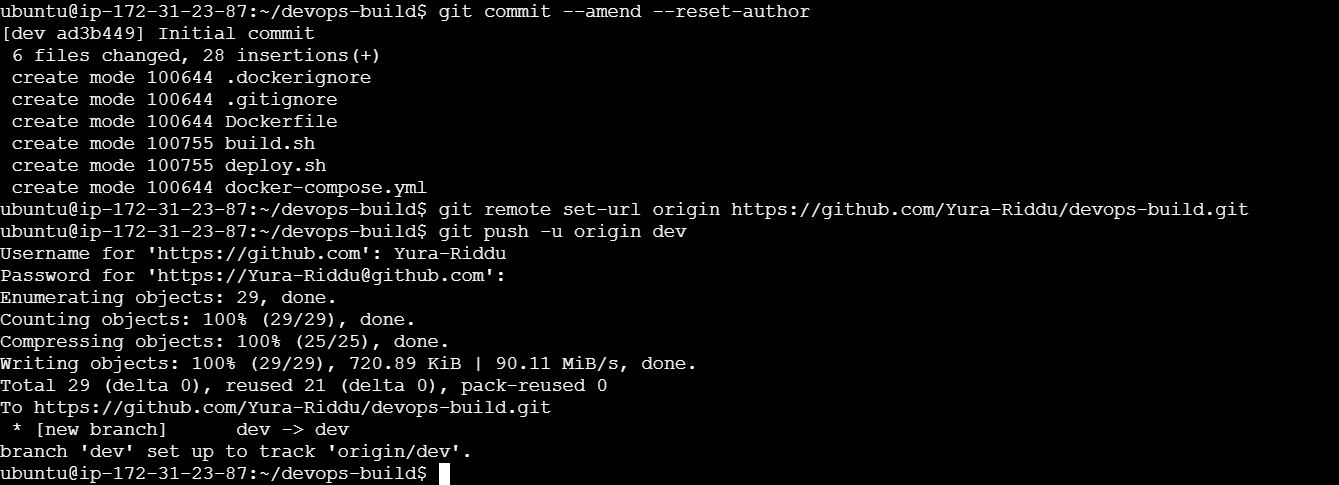
Bashscripts – Created build.sh and deploy.sh



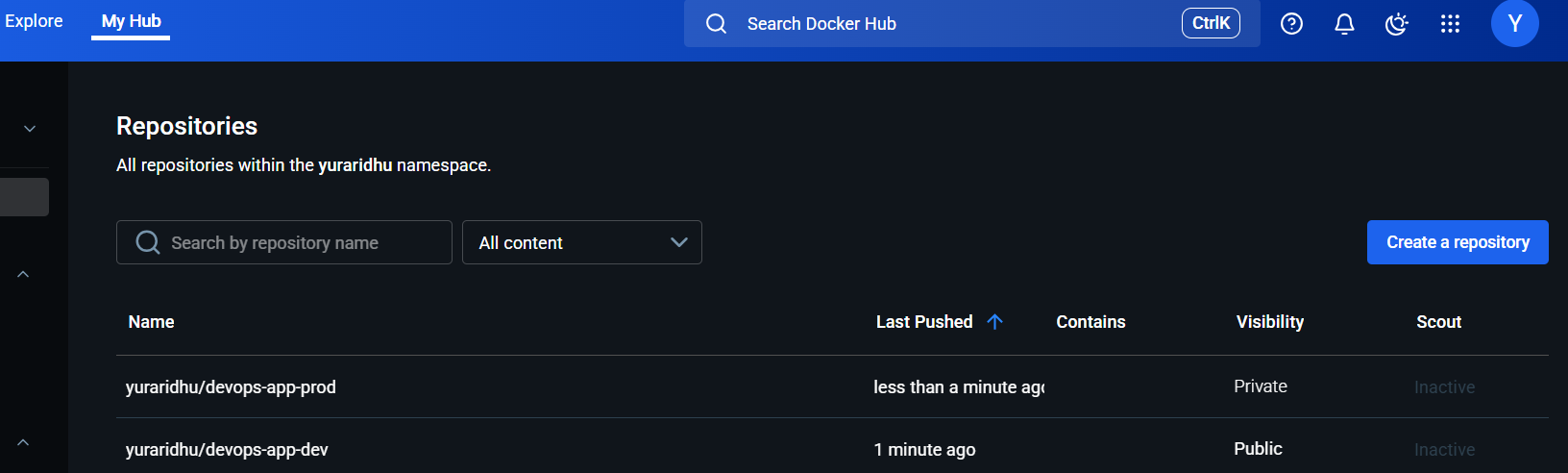
Git Version Control – Created .dockerignore and .gitignore and pushed code to GitHub(CLI only)



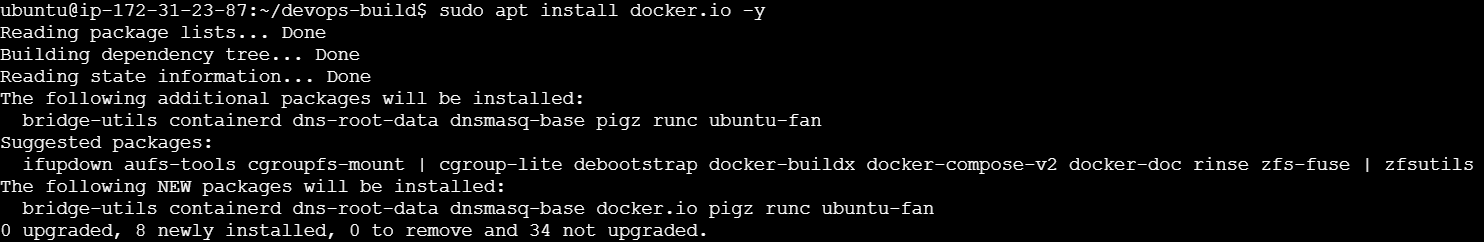


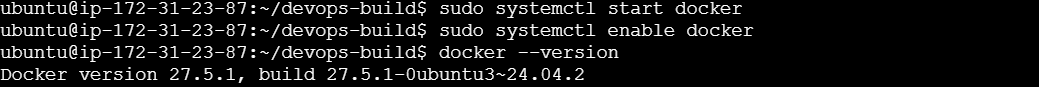


Docker Hub – Created two repositories (dev & prod) & Pushed image to the Docker Hub

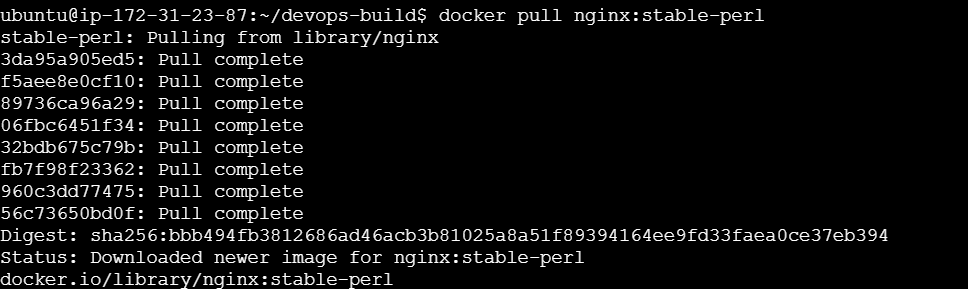


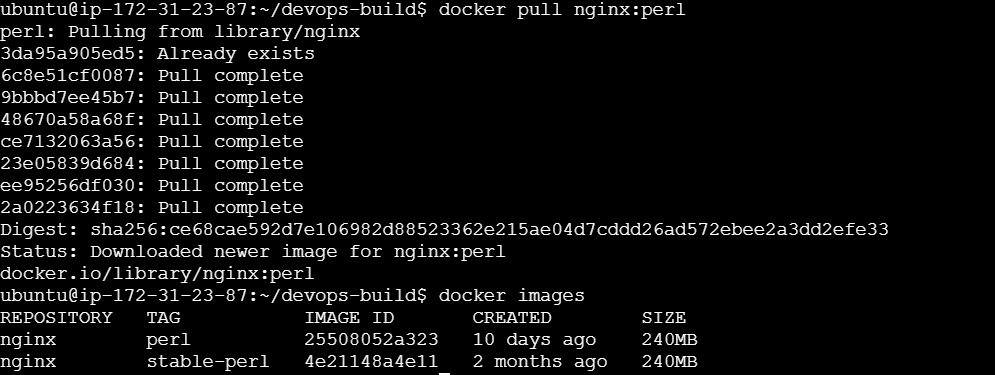


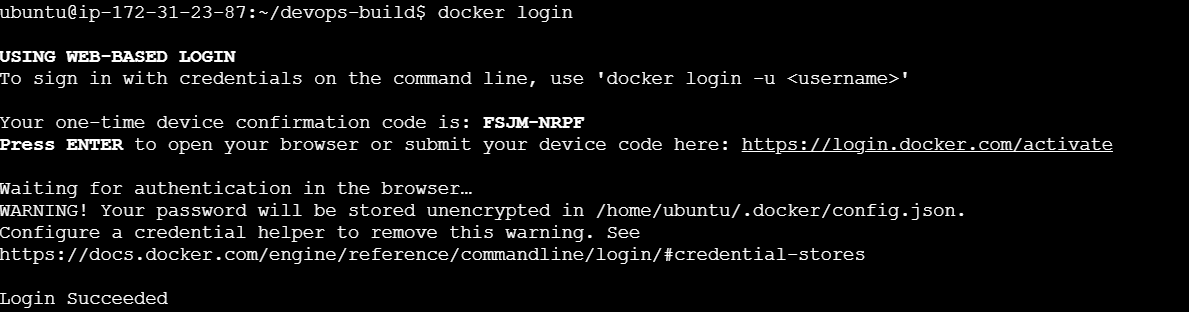


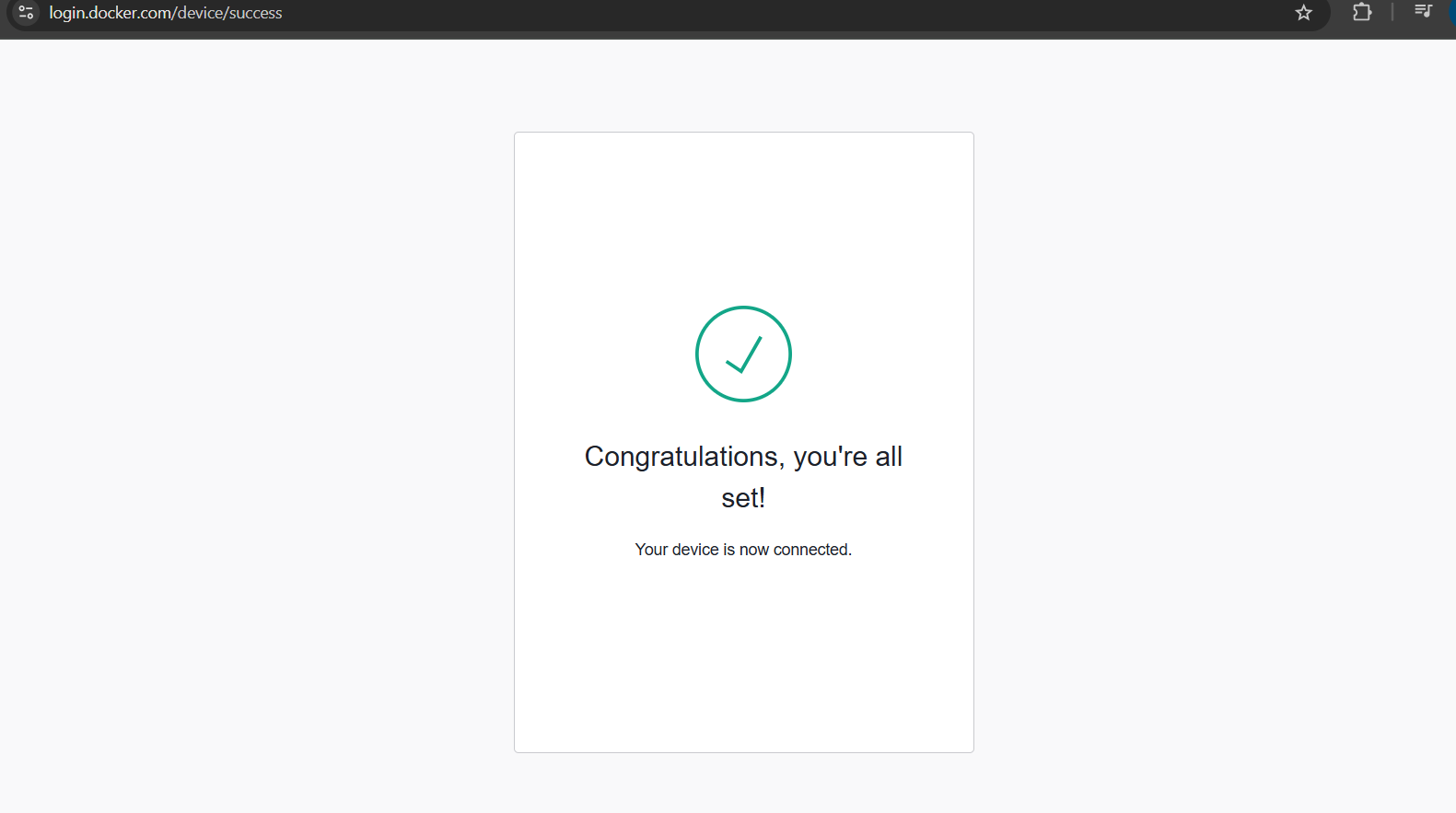


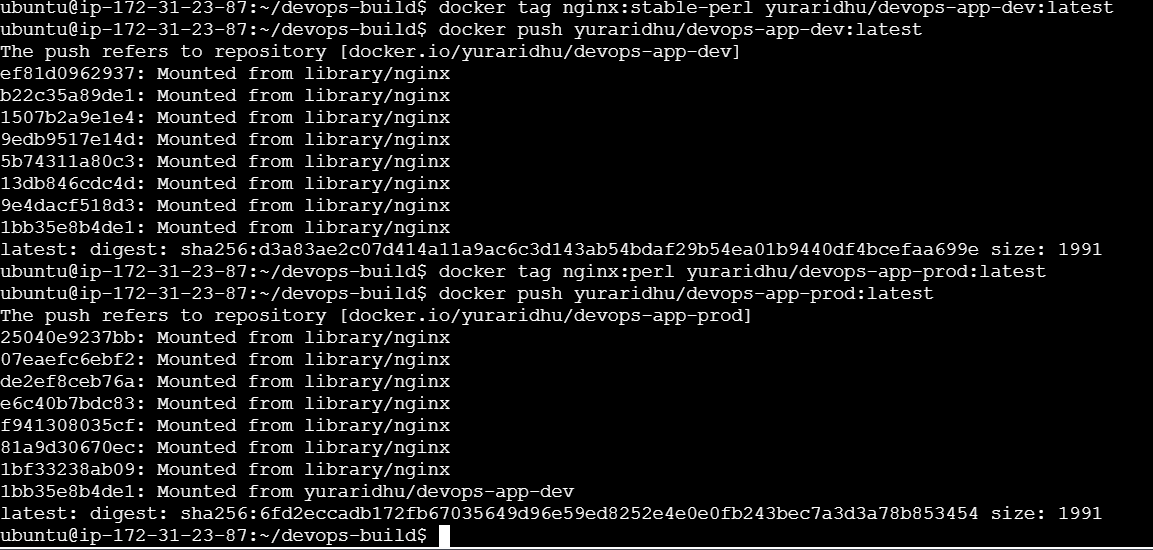


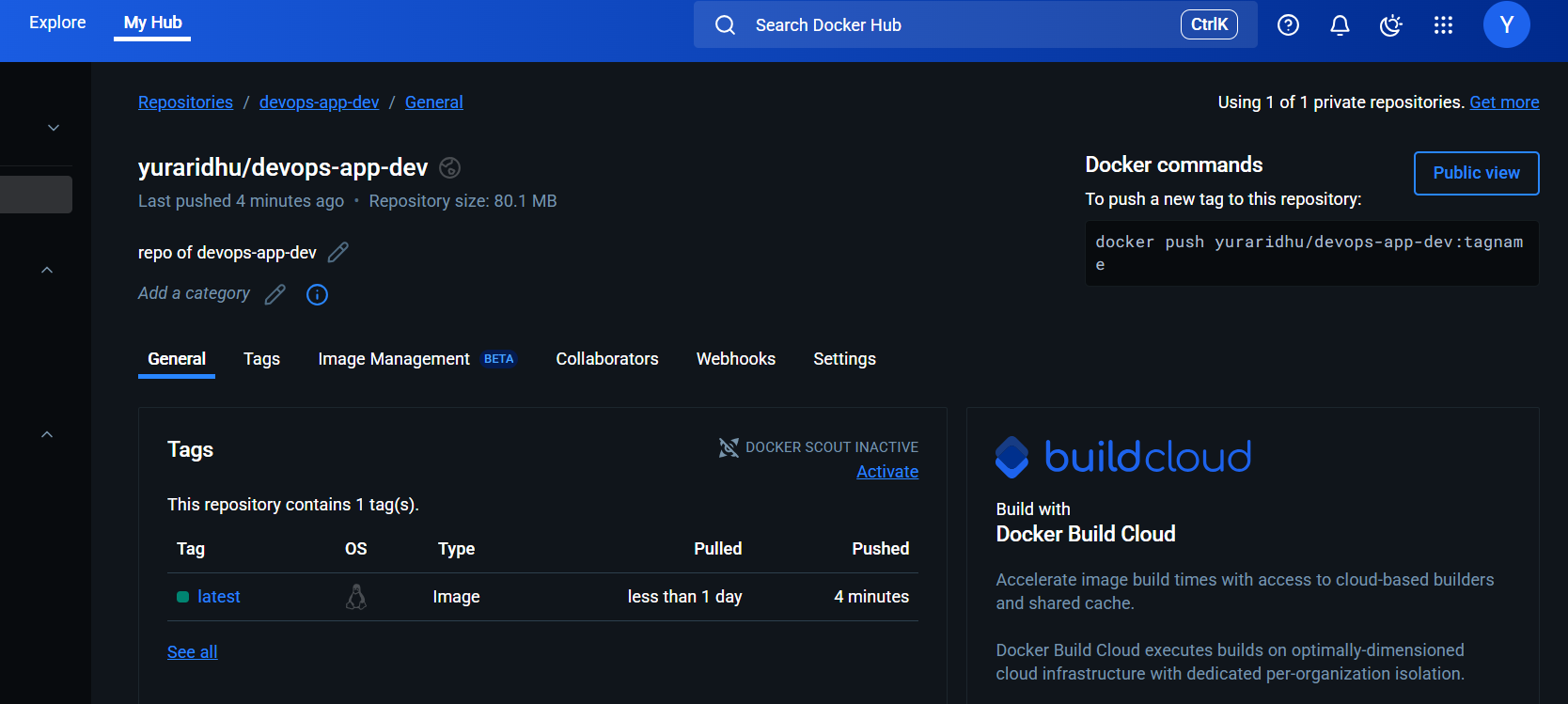


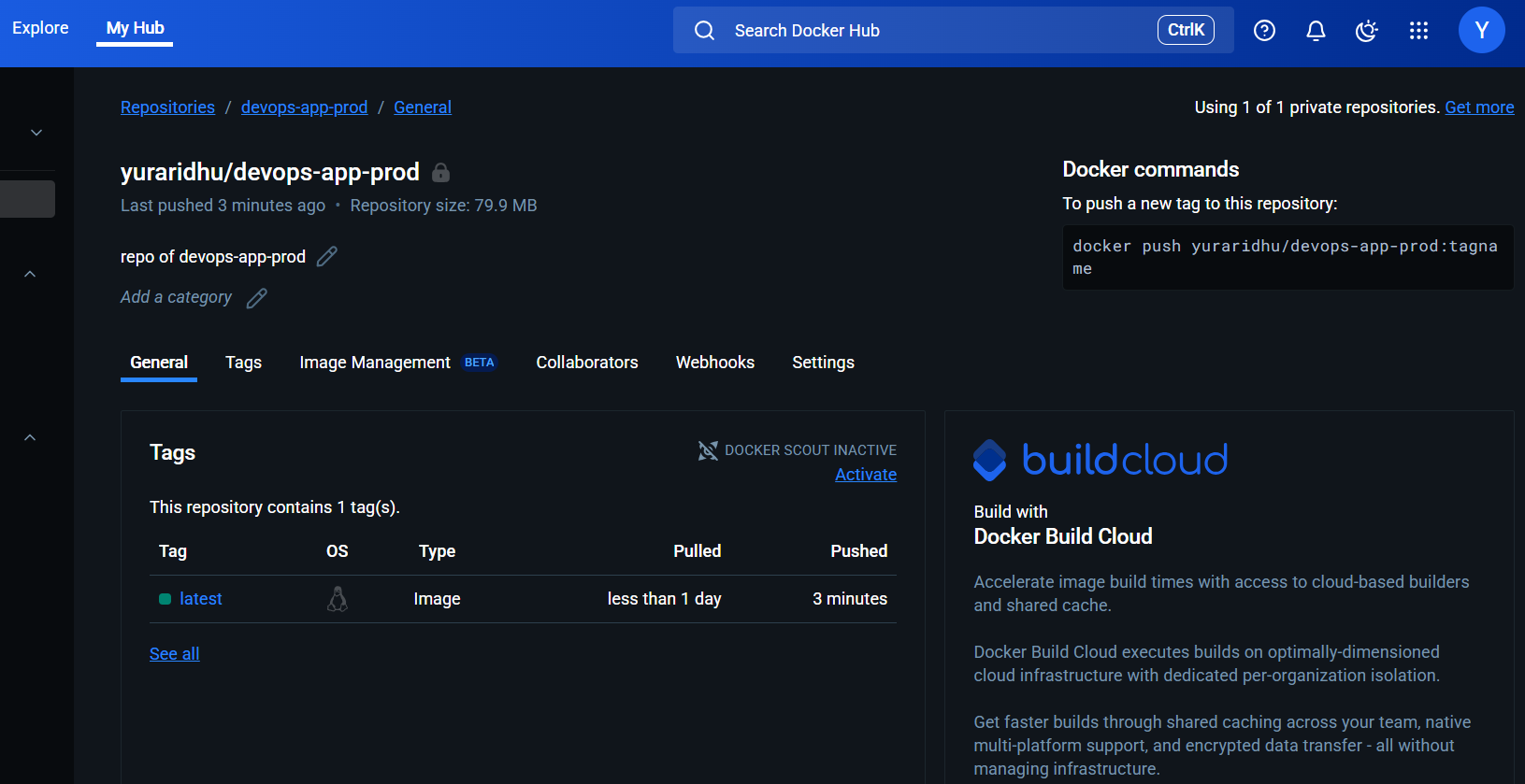




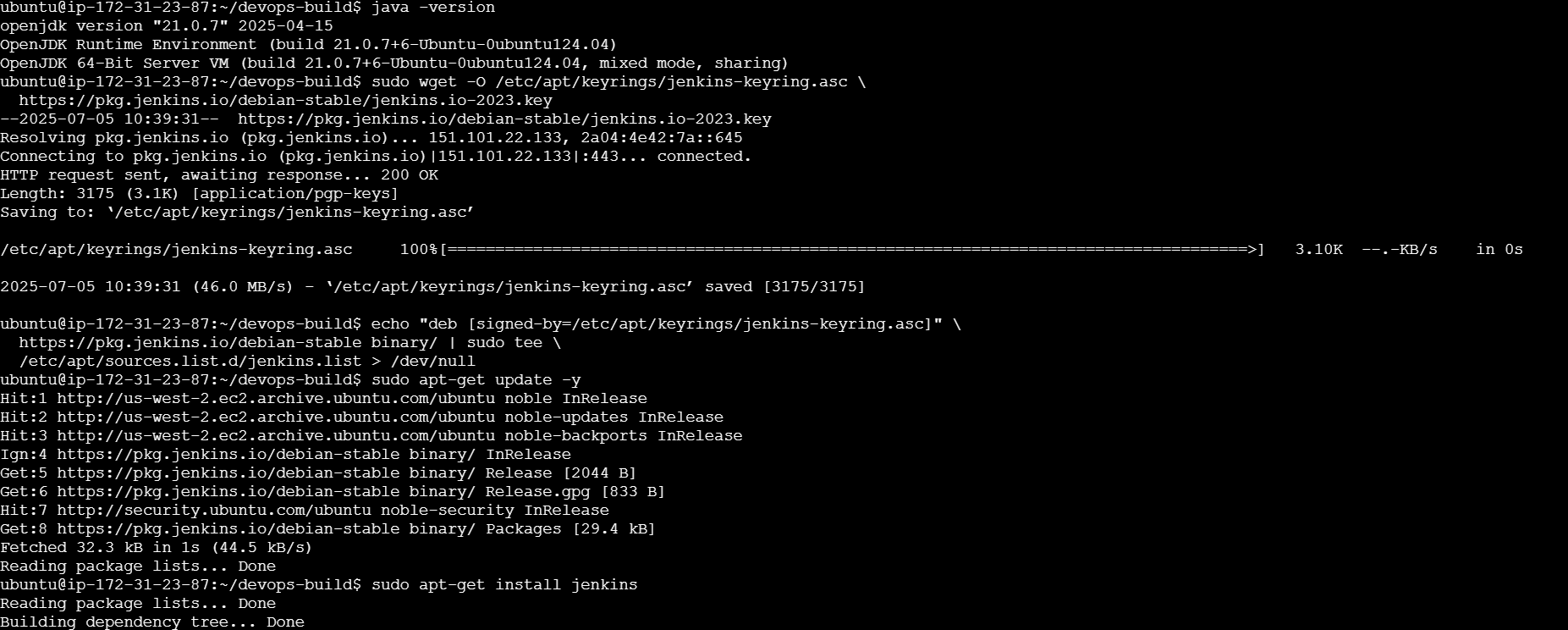


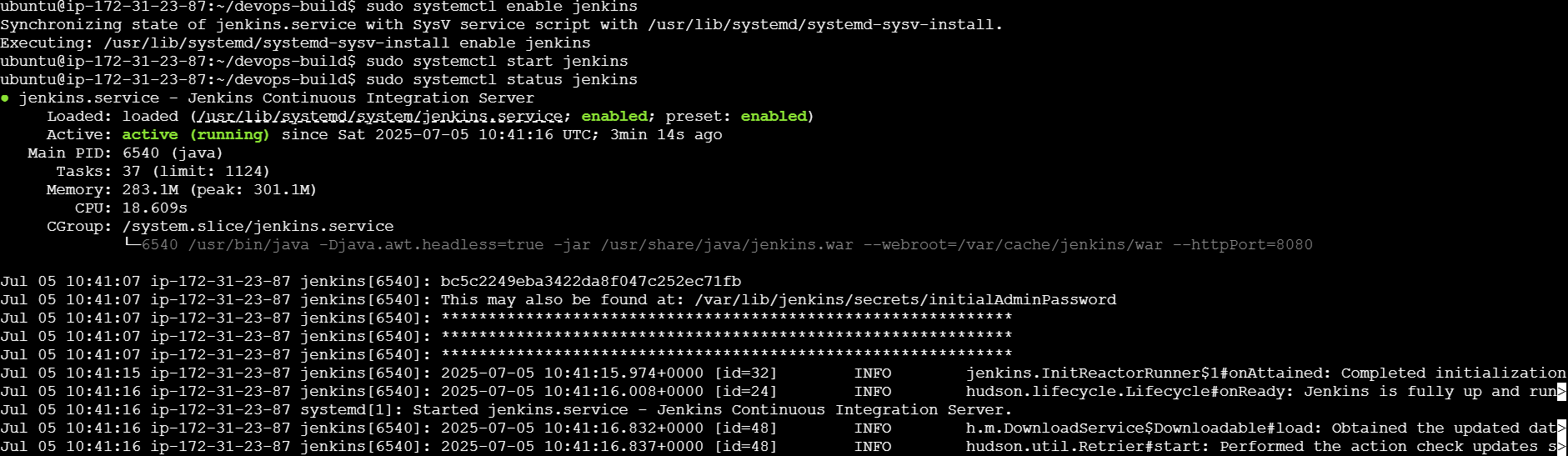


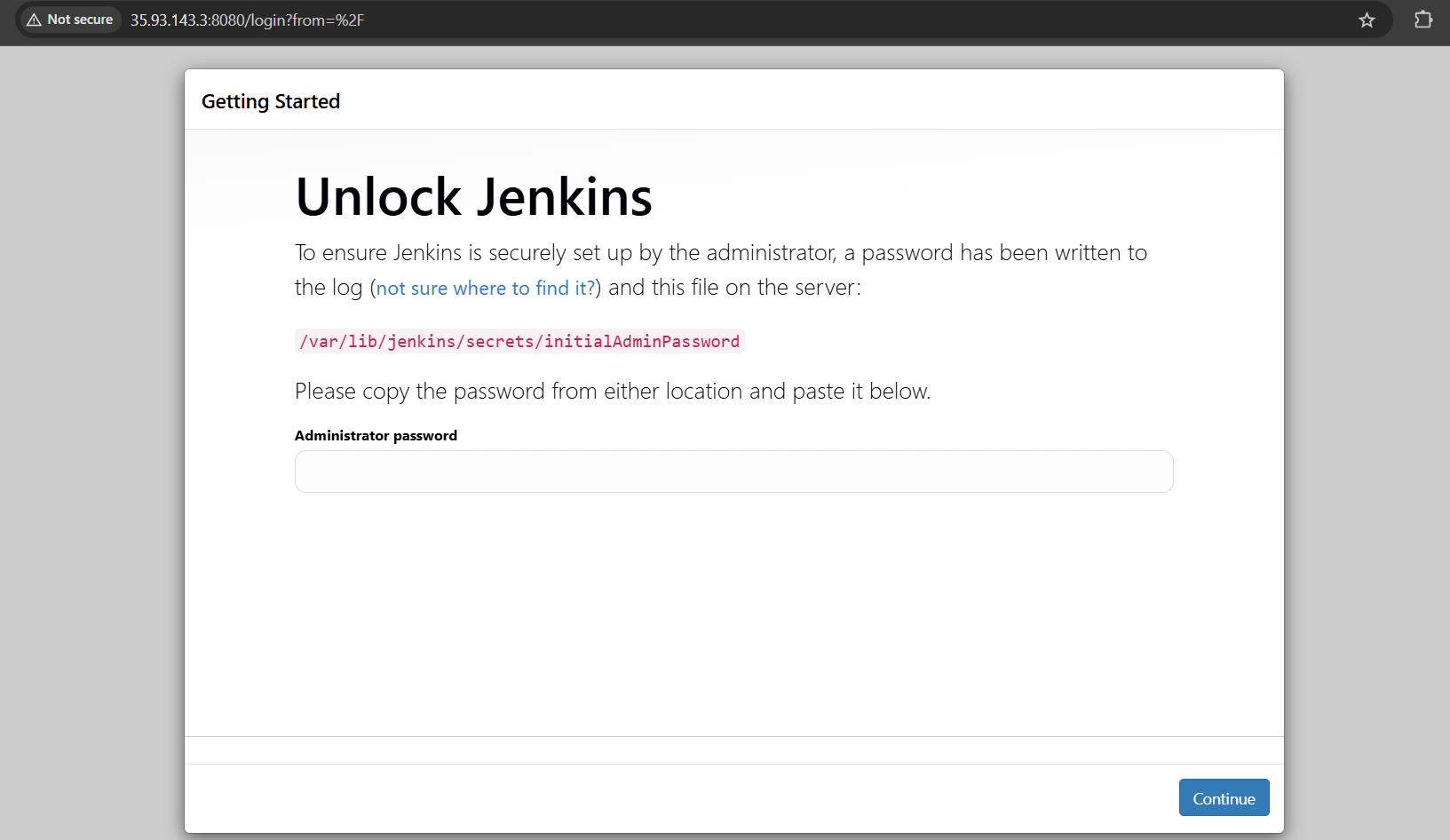


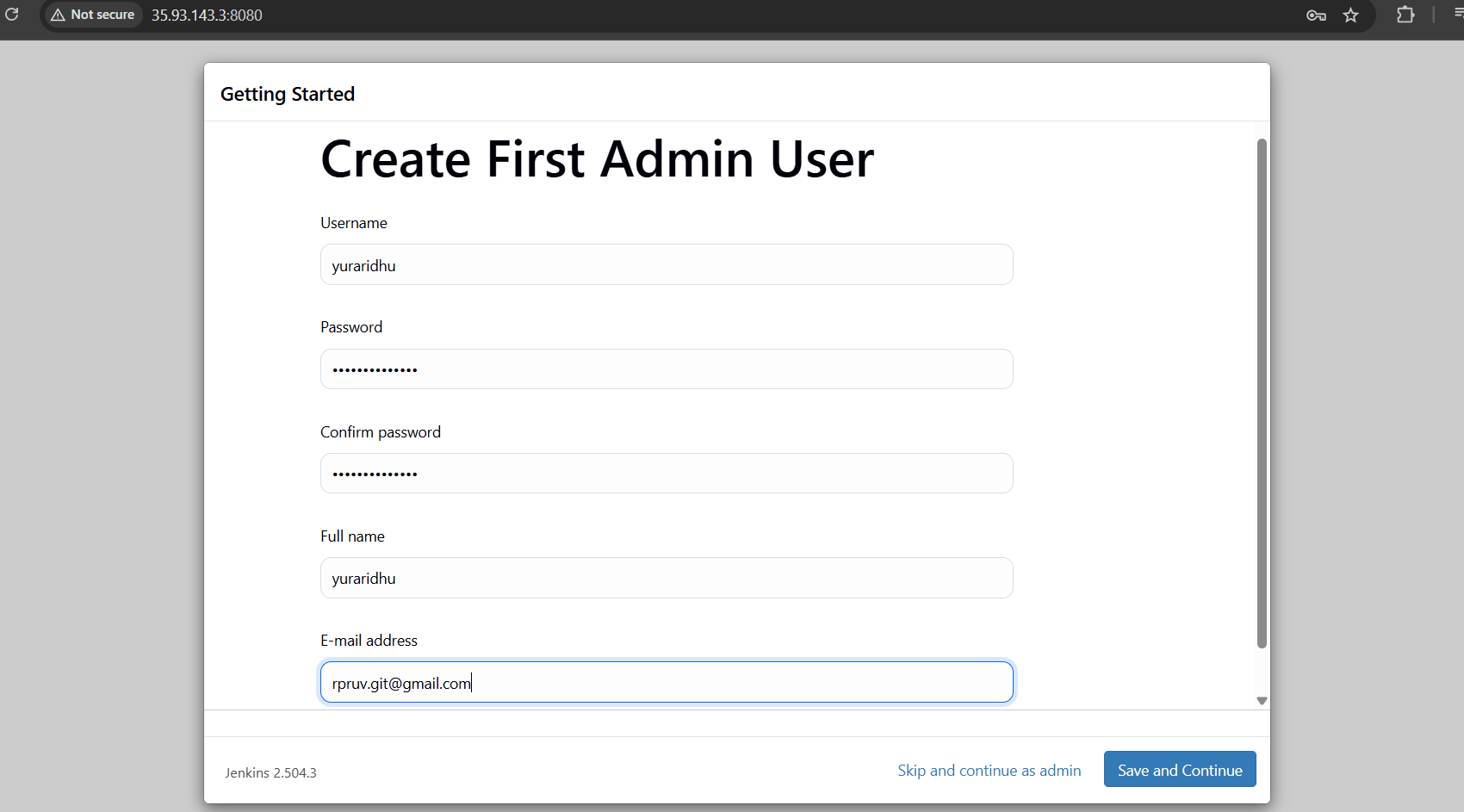


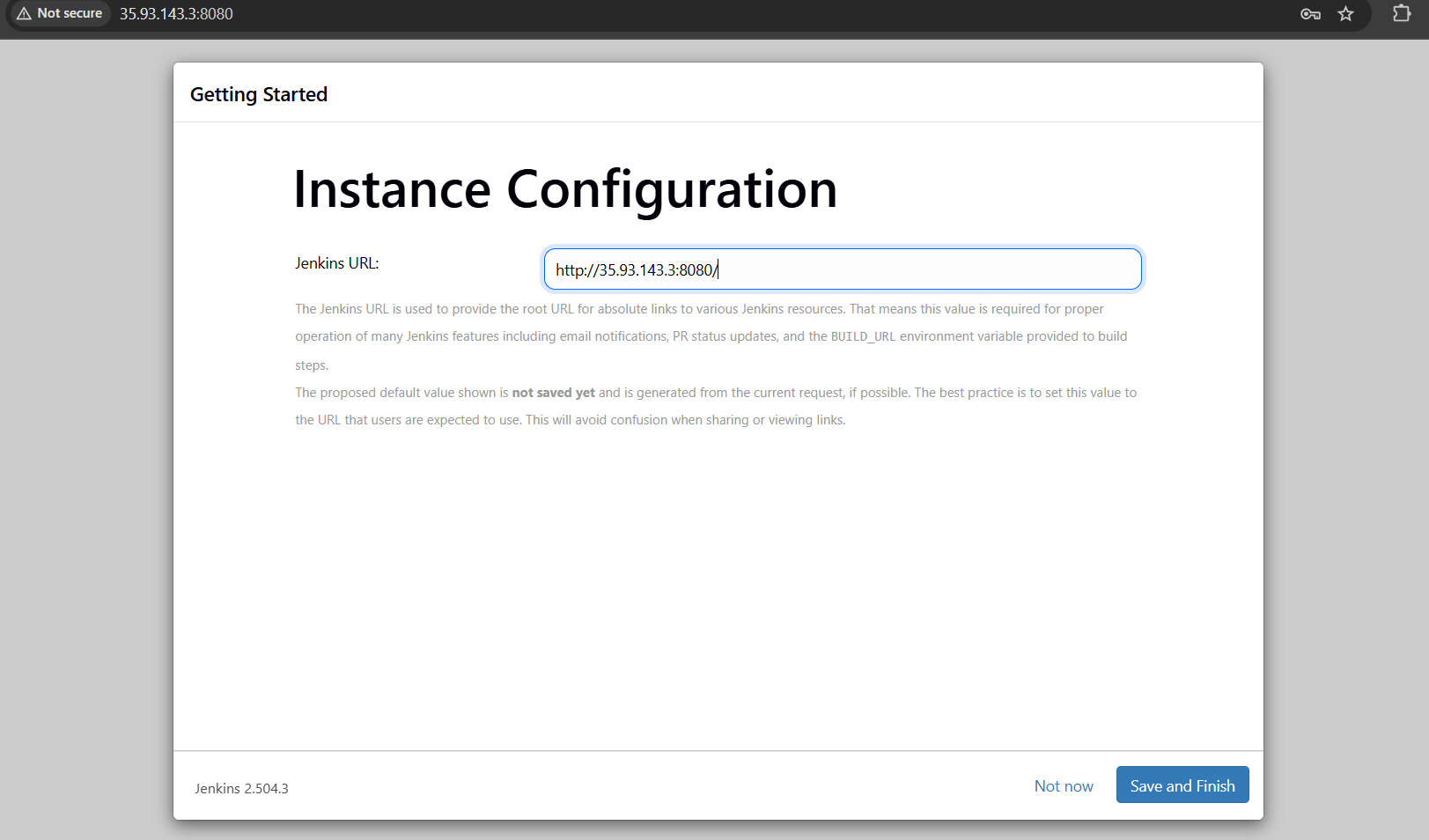
Jenkins Setup-Installed Jenkins, Installed plugins: Git, Docker, Docker pipeline. Created pipeline jobs

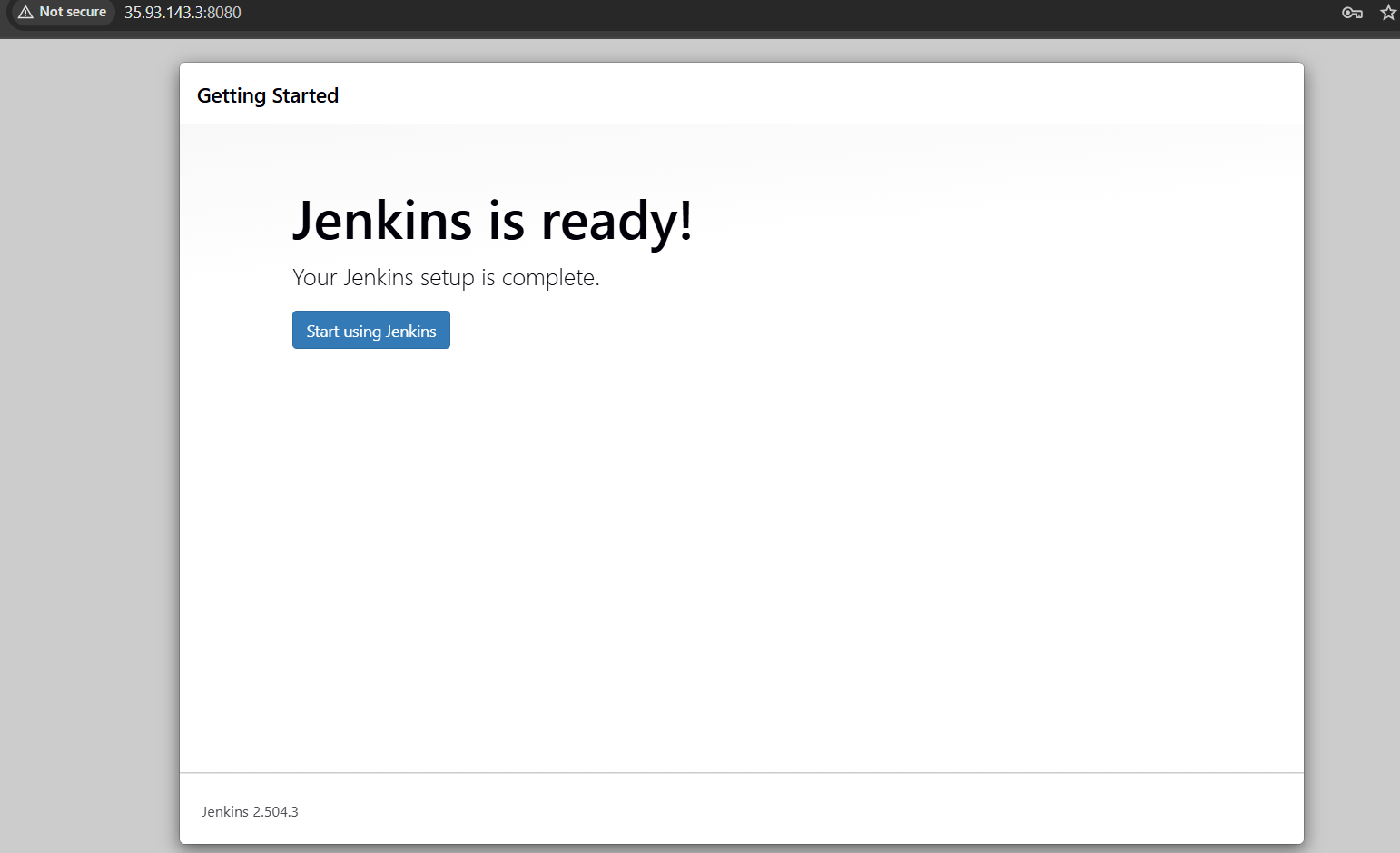


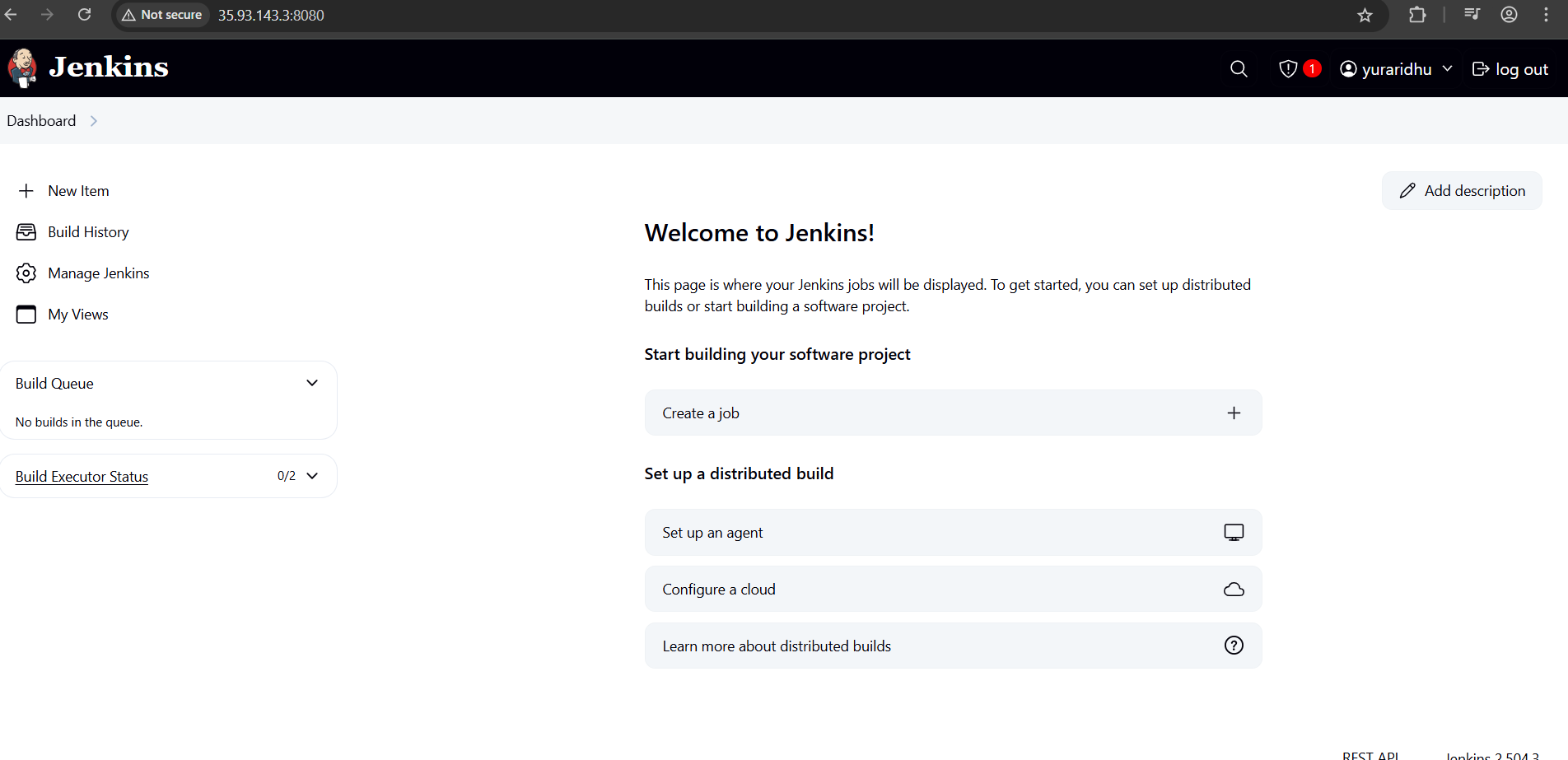


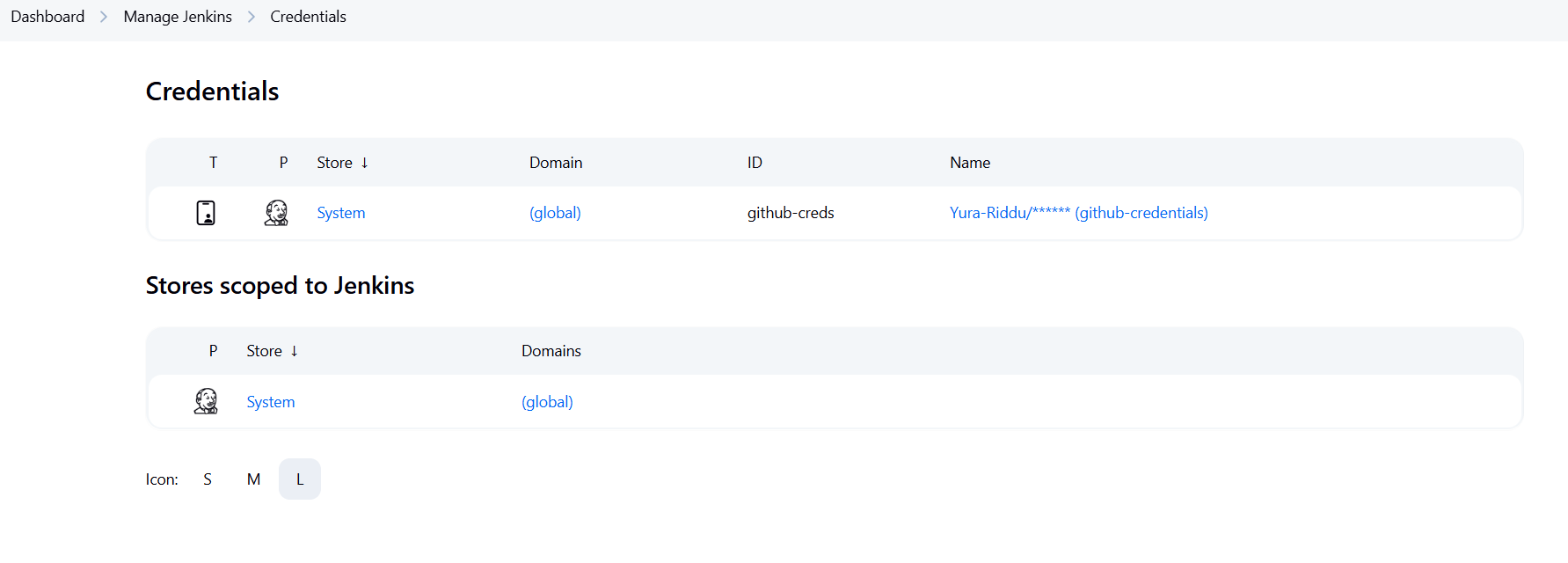


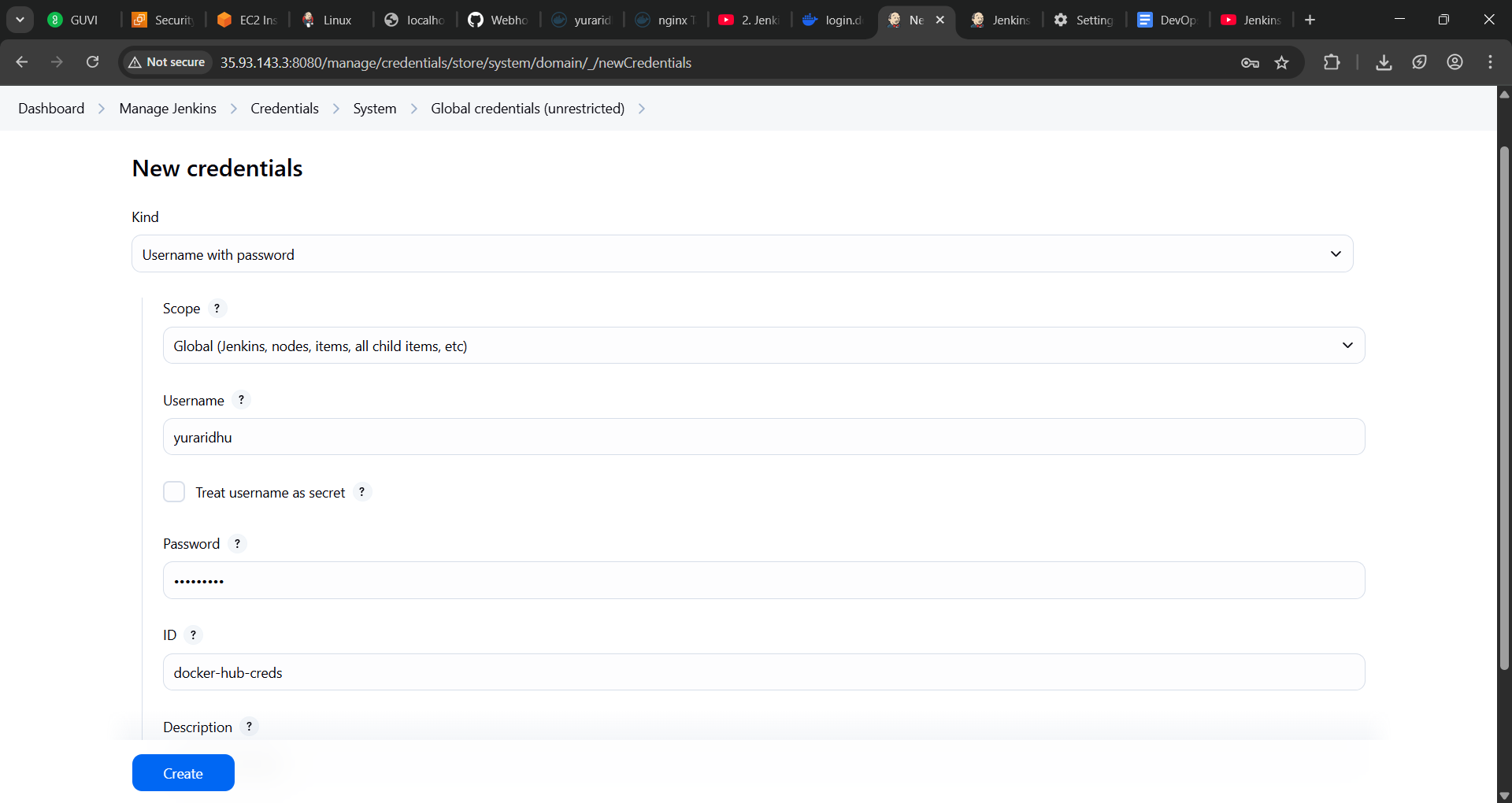


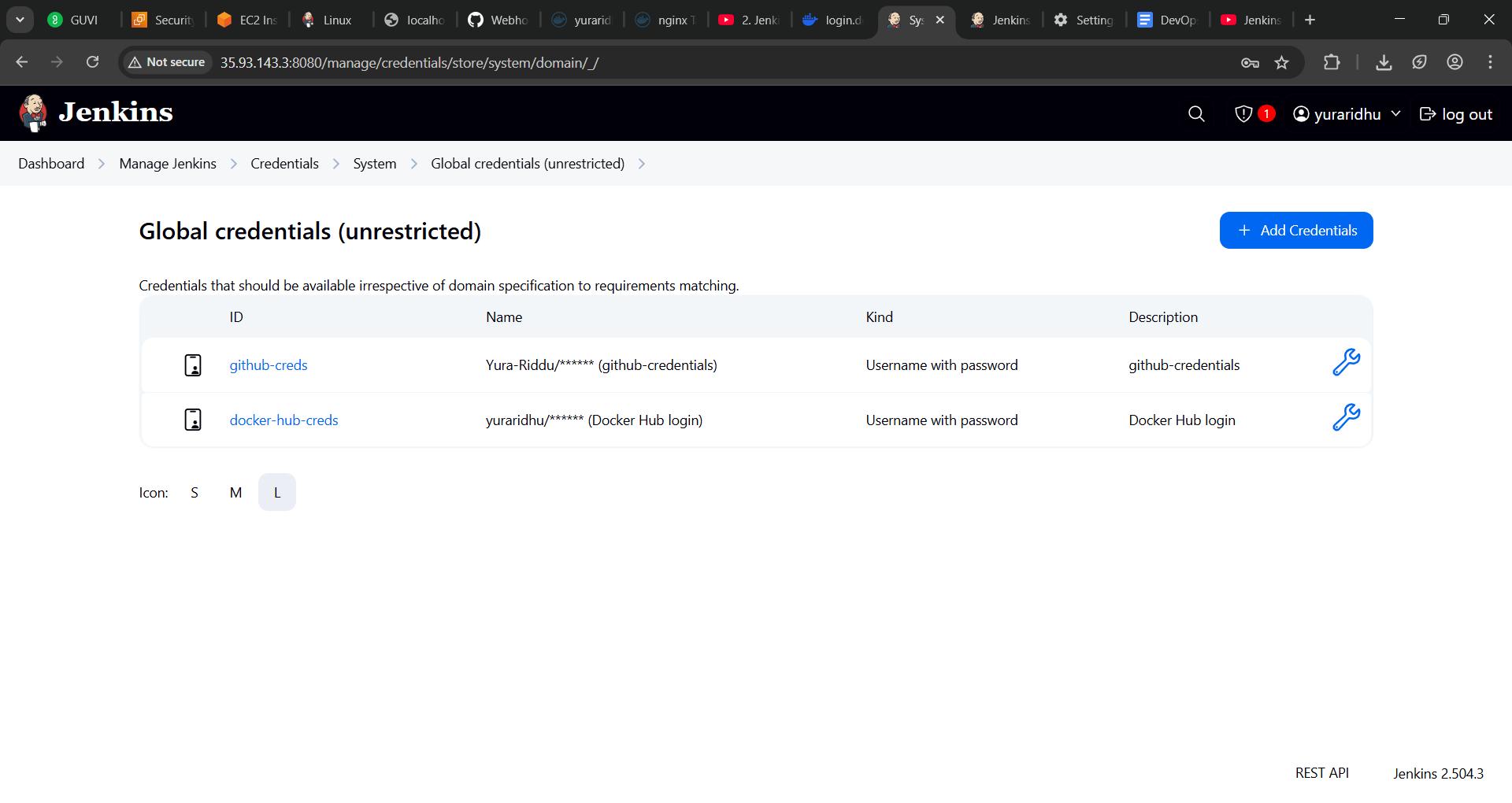


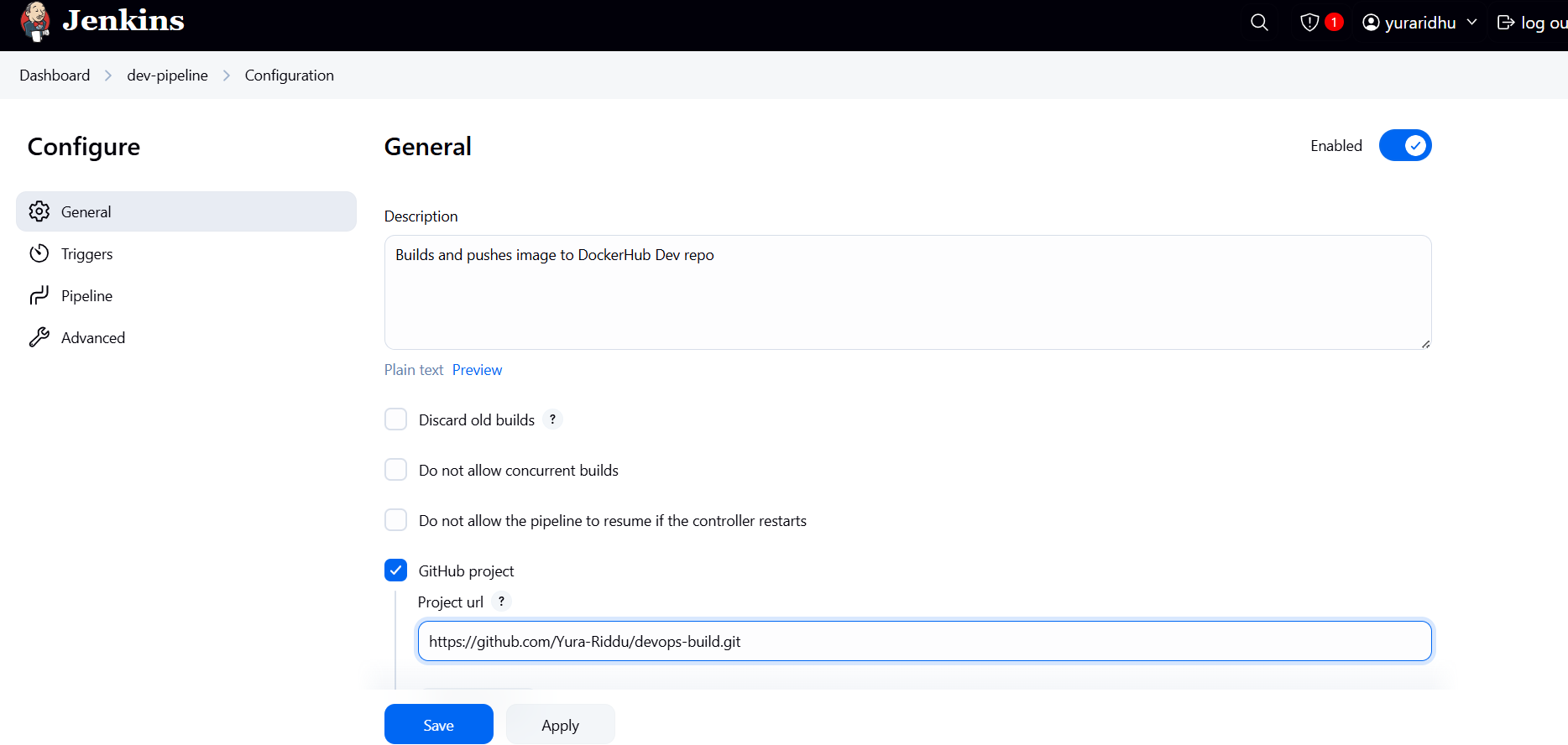


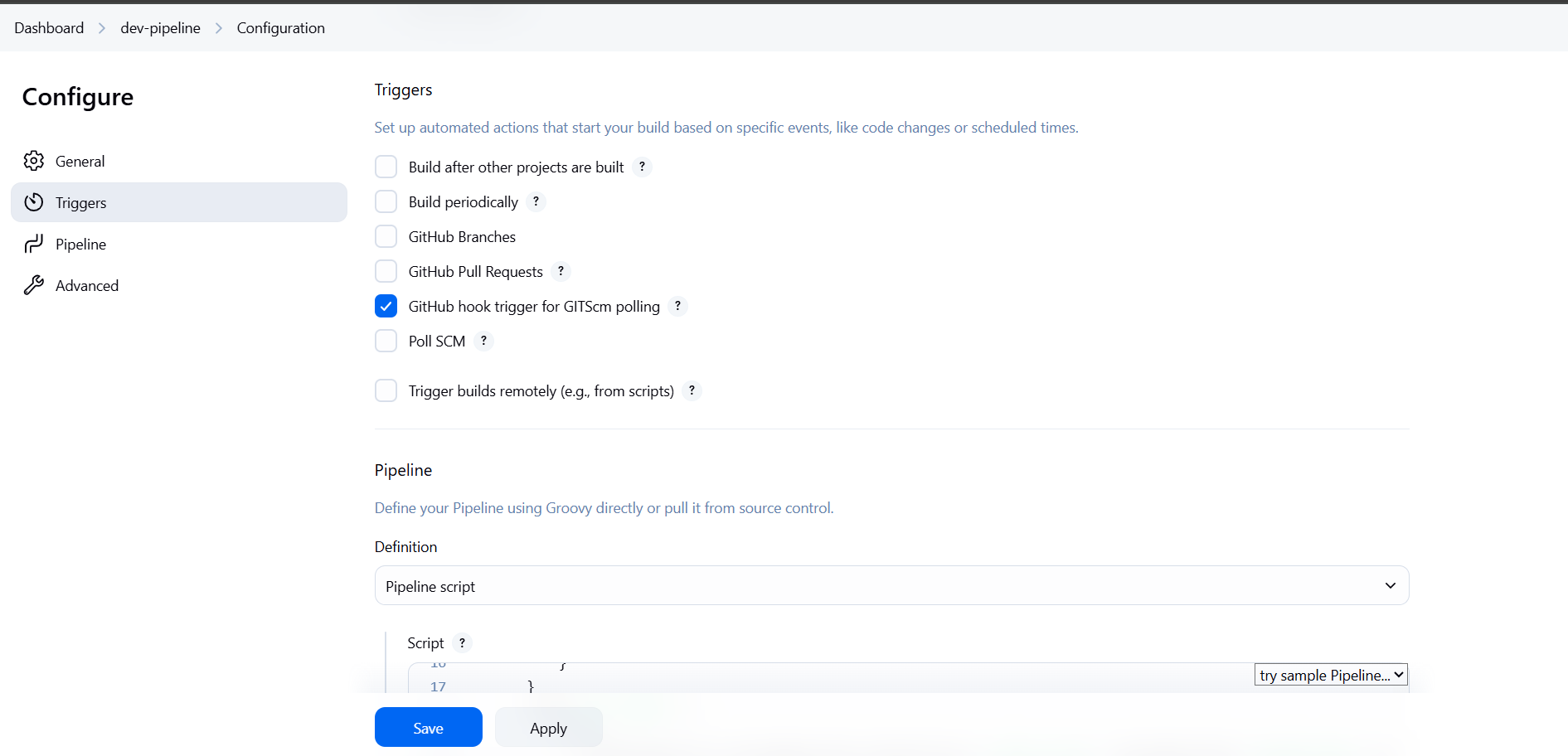


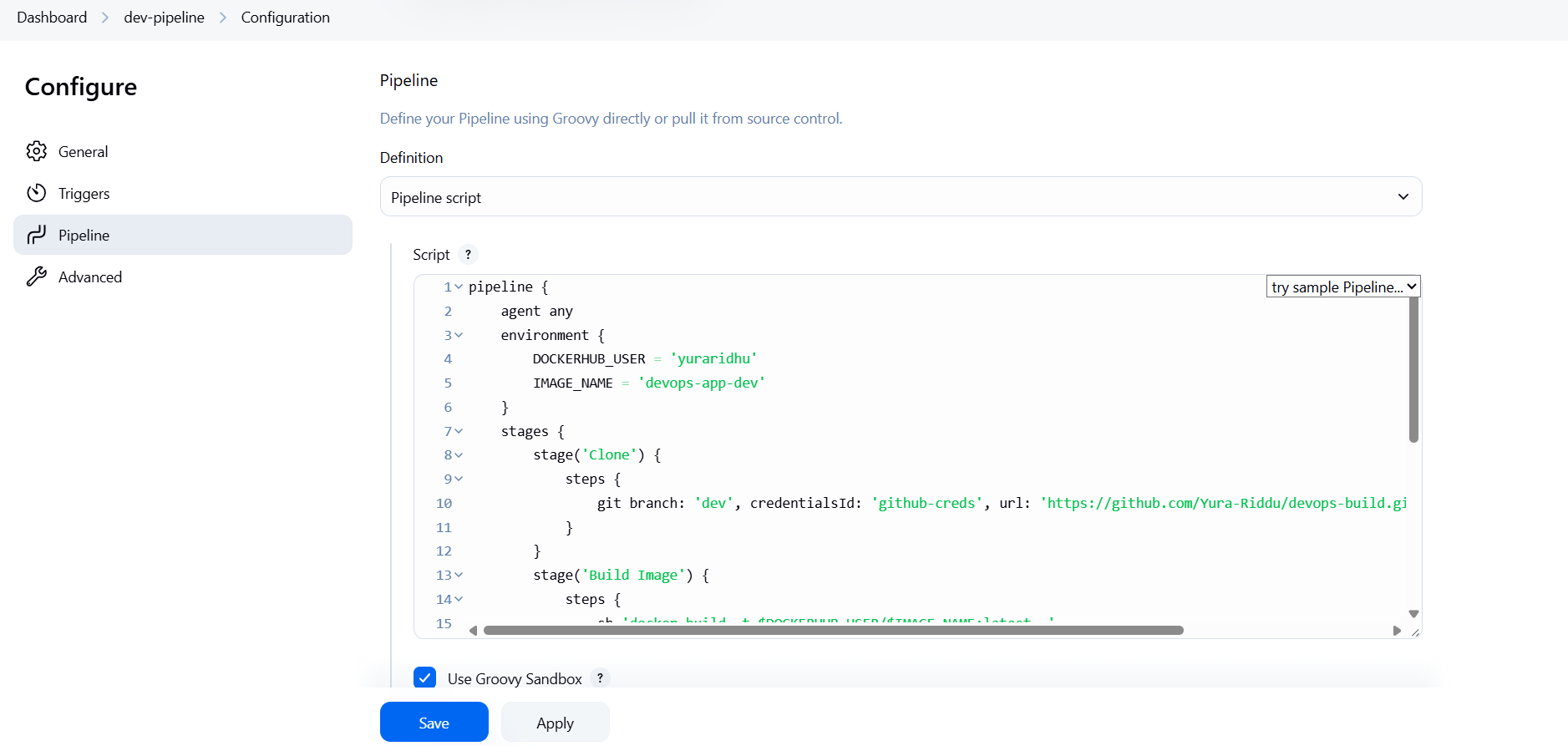


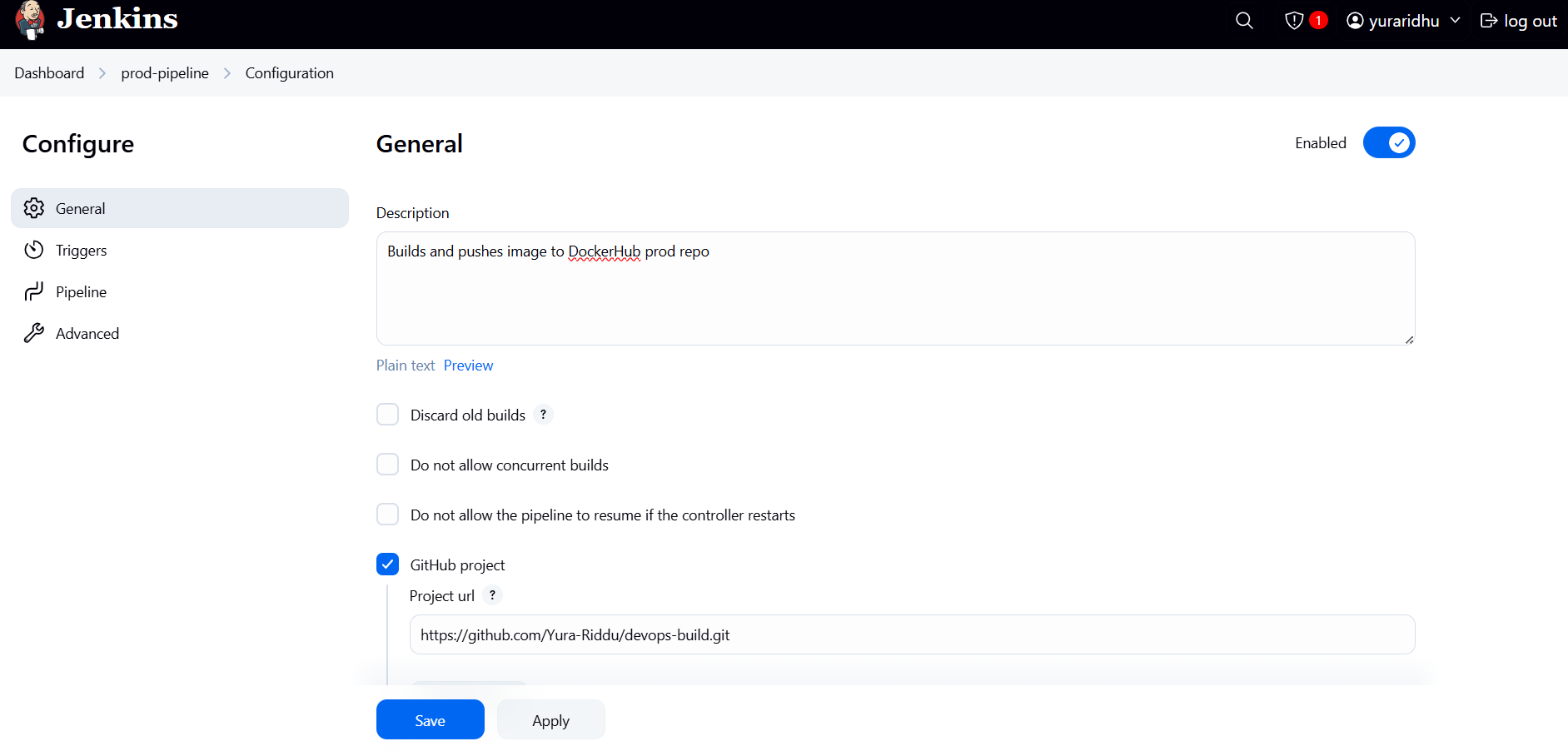


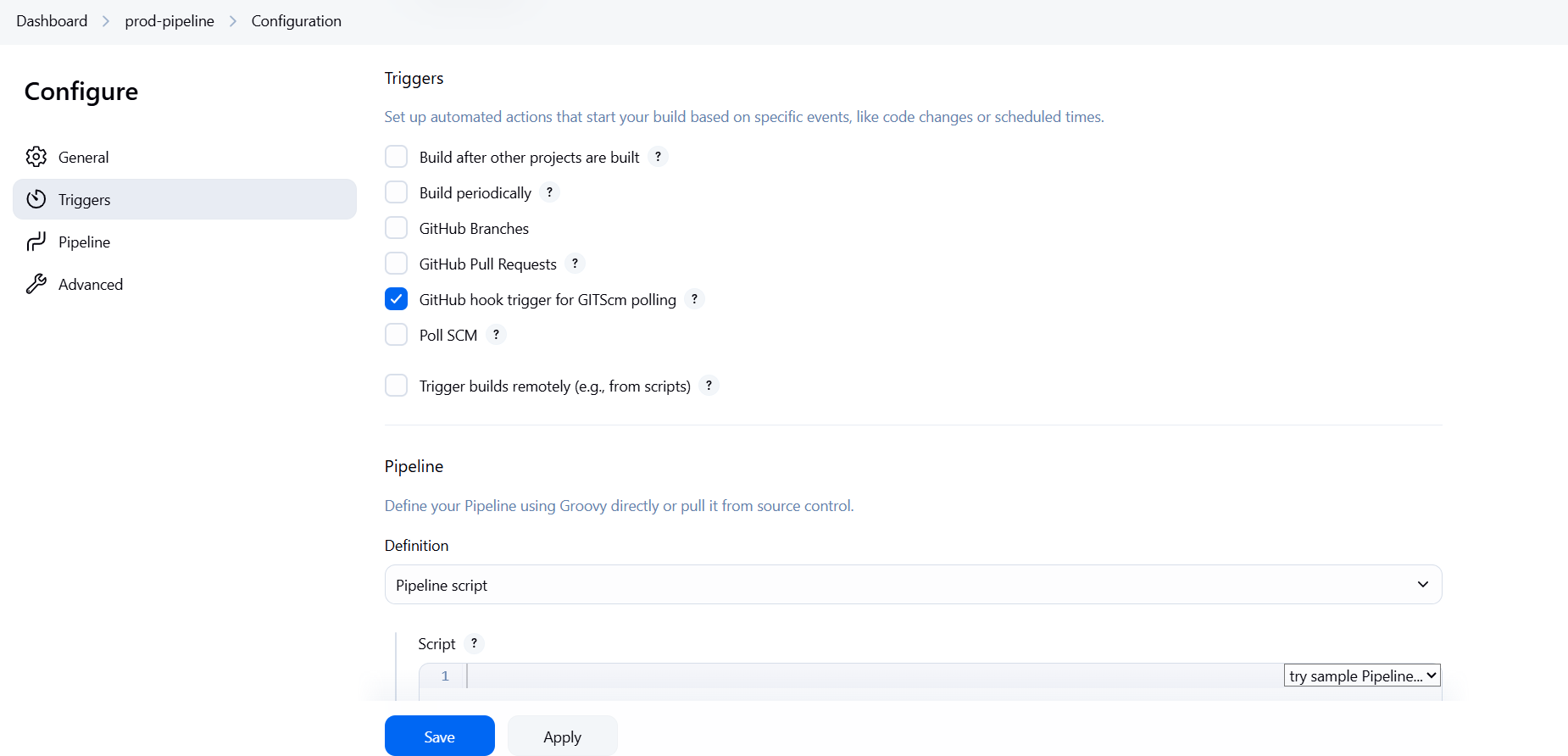


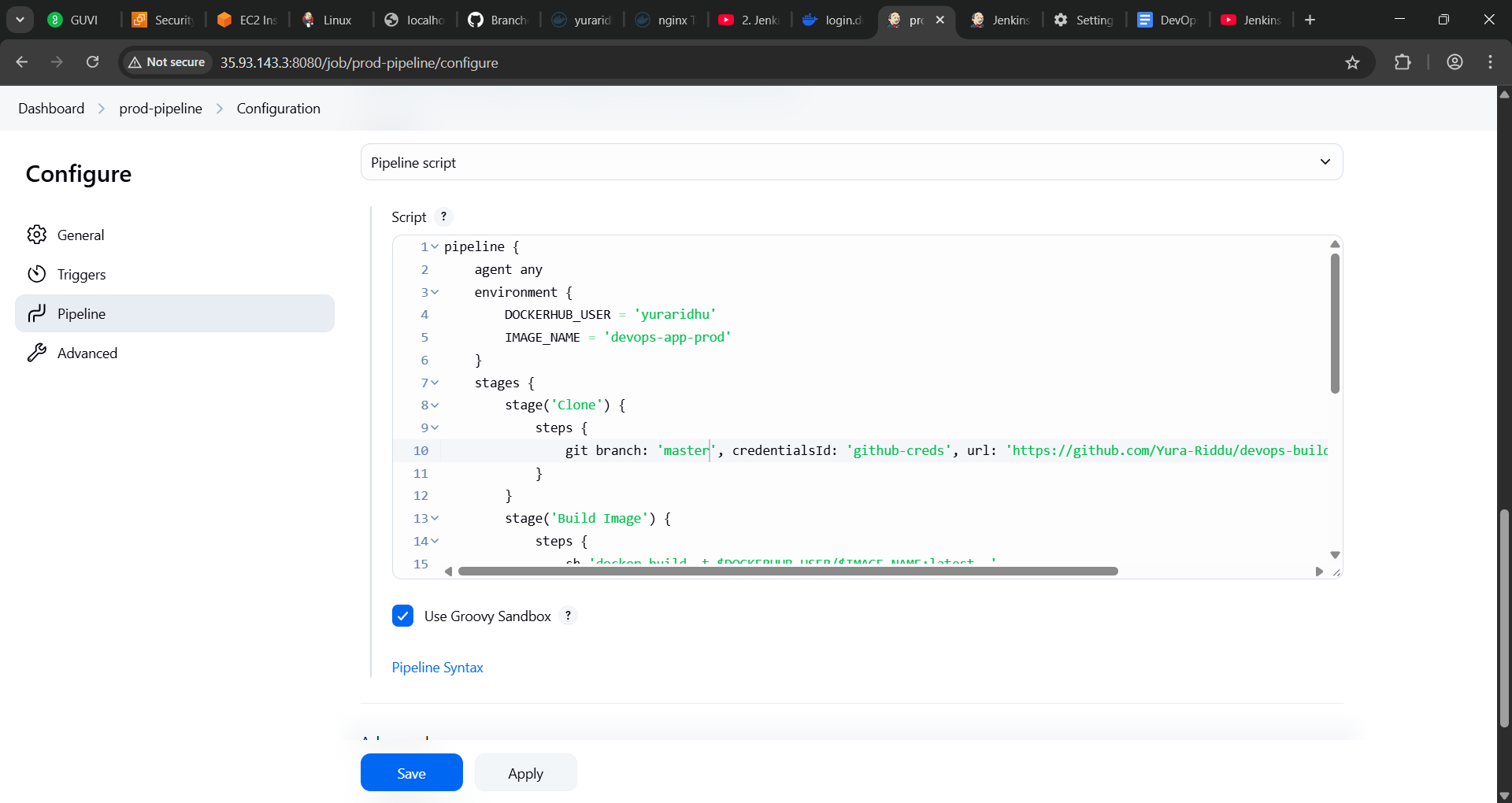


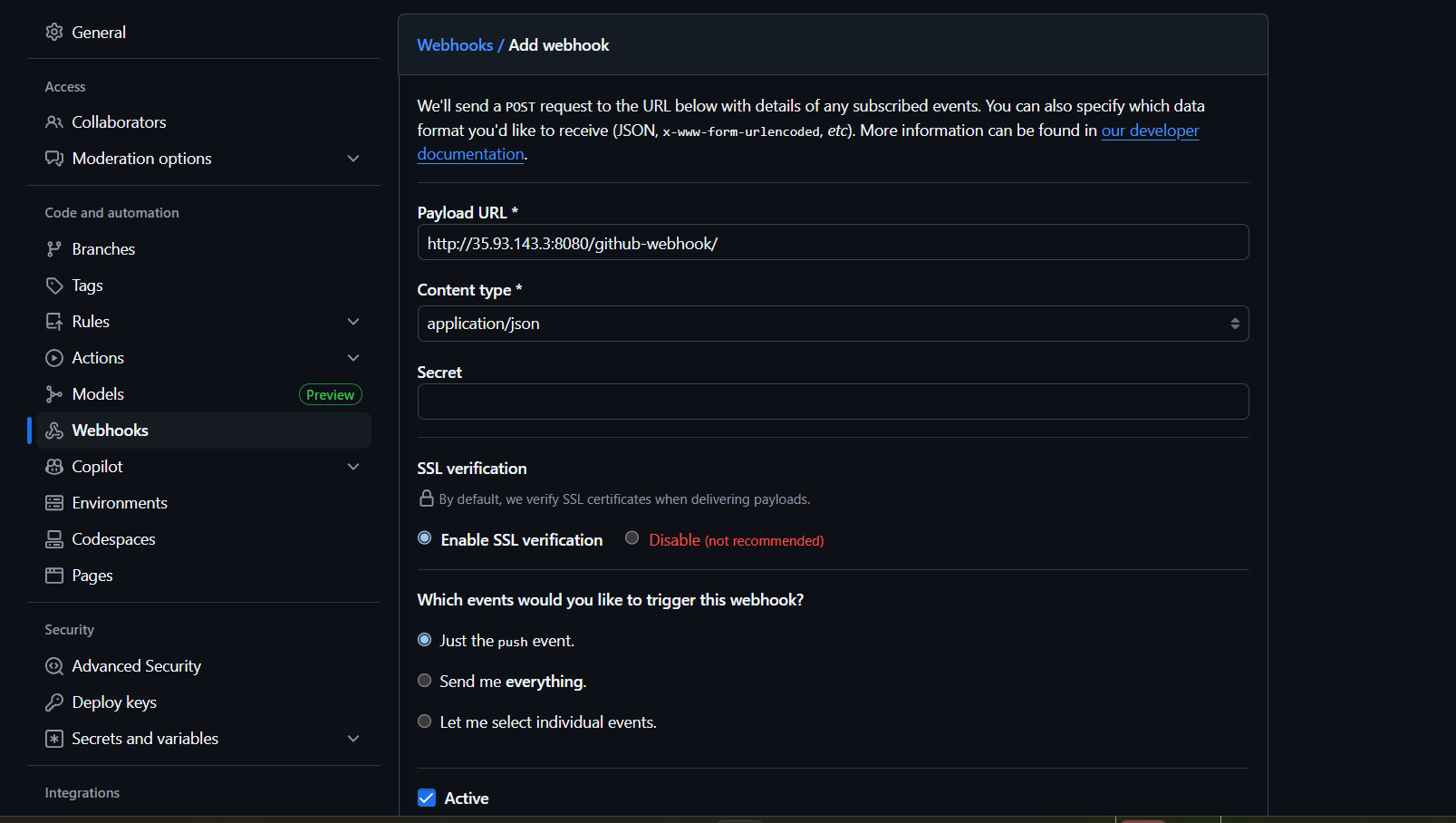


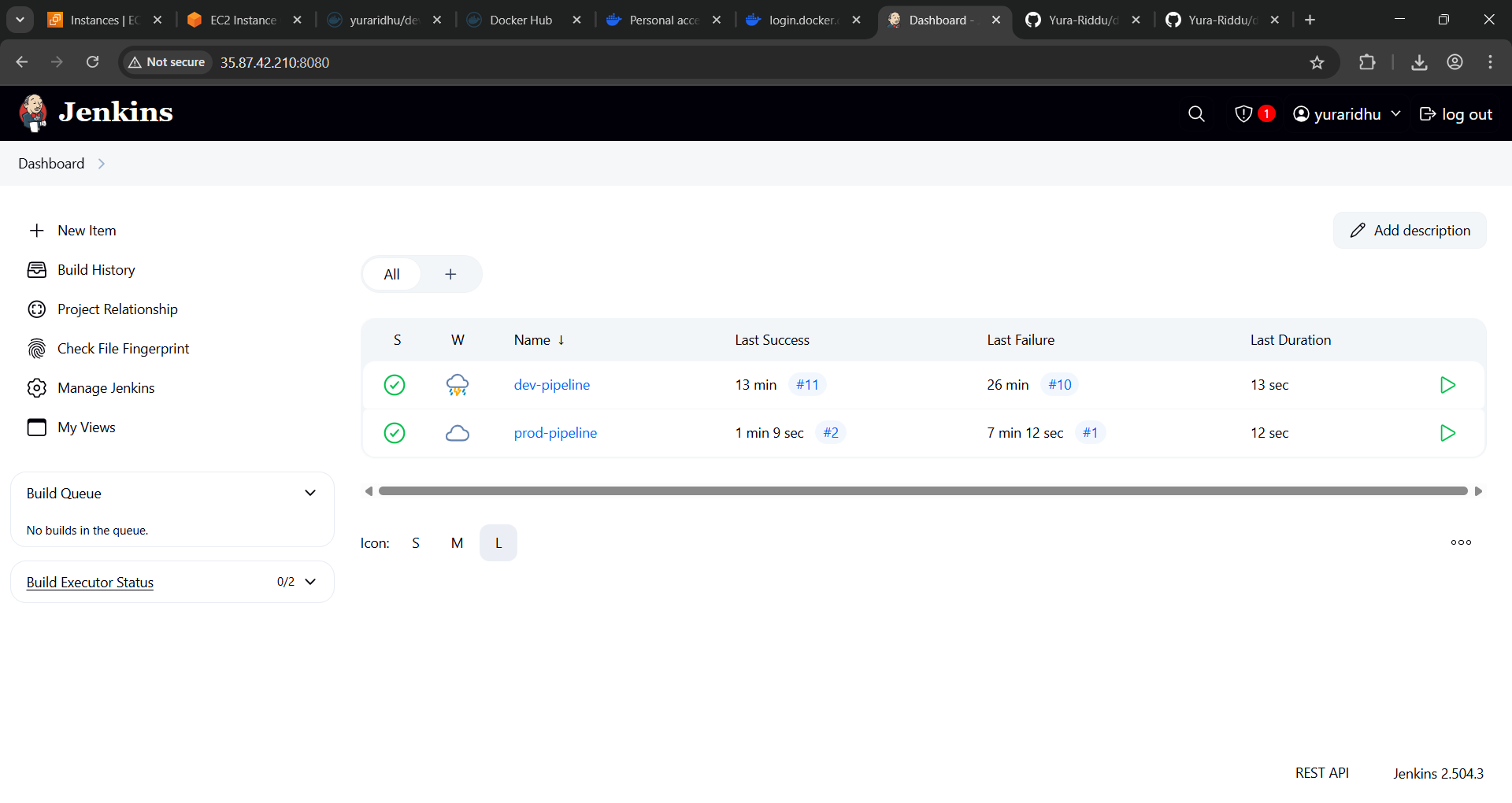
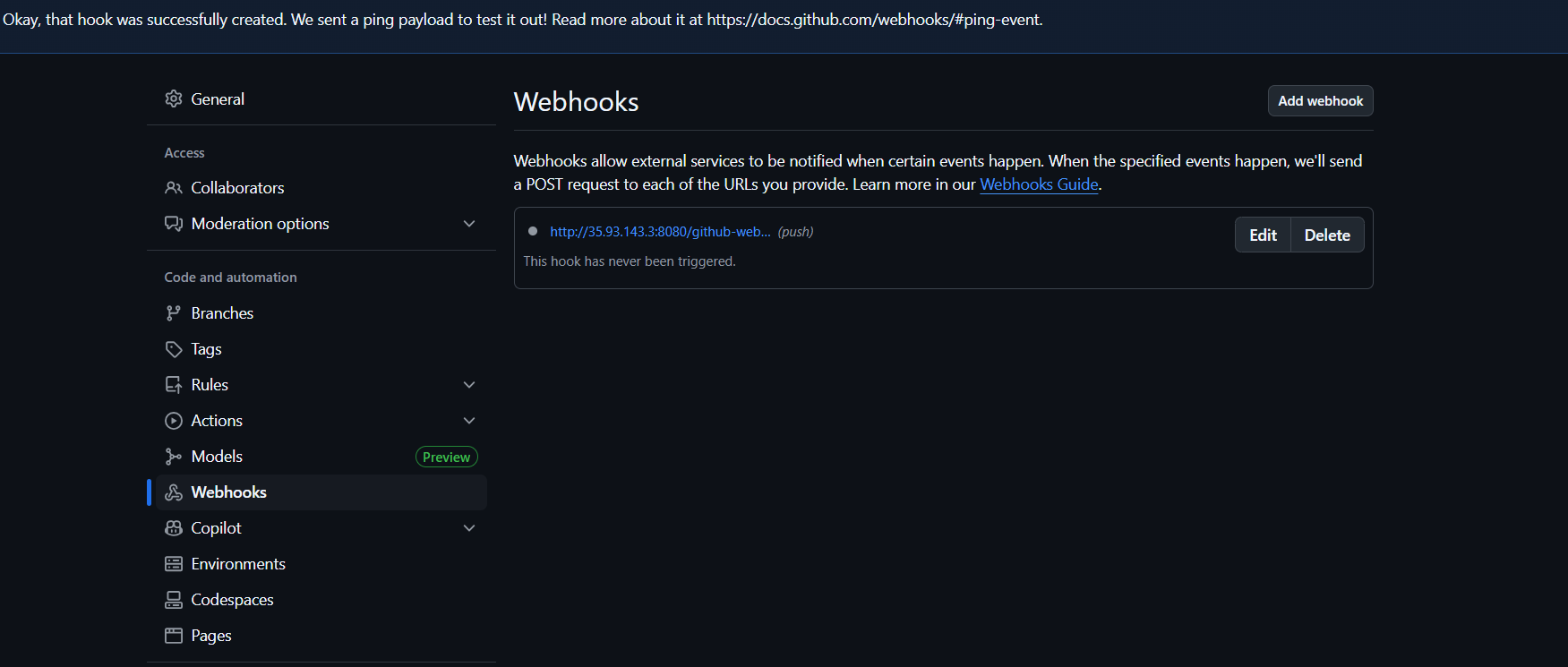




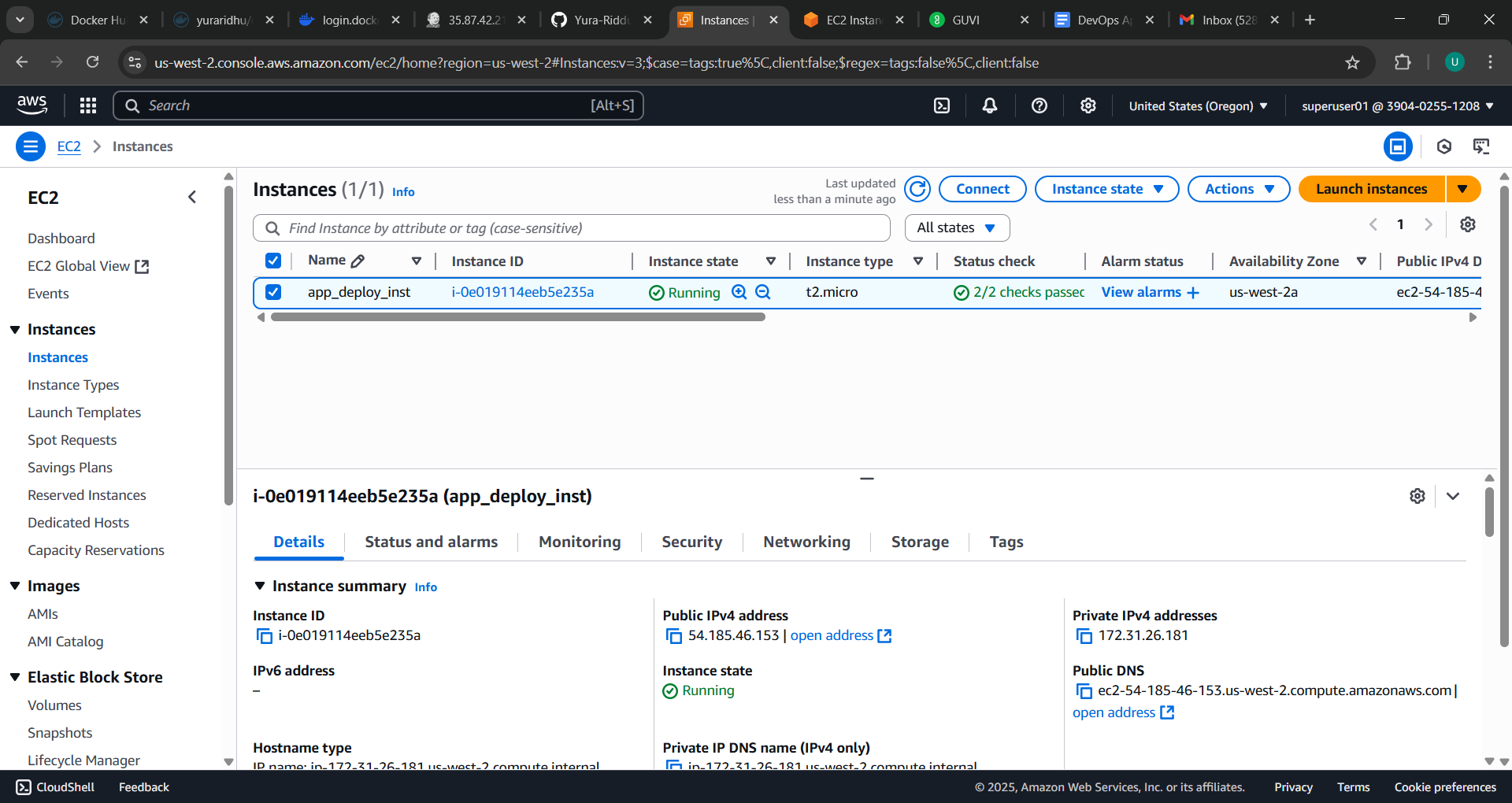


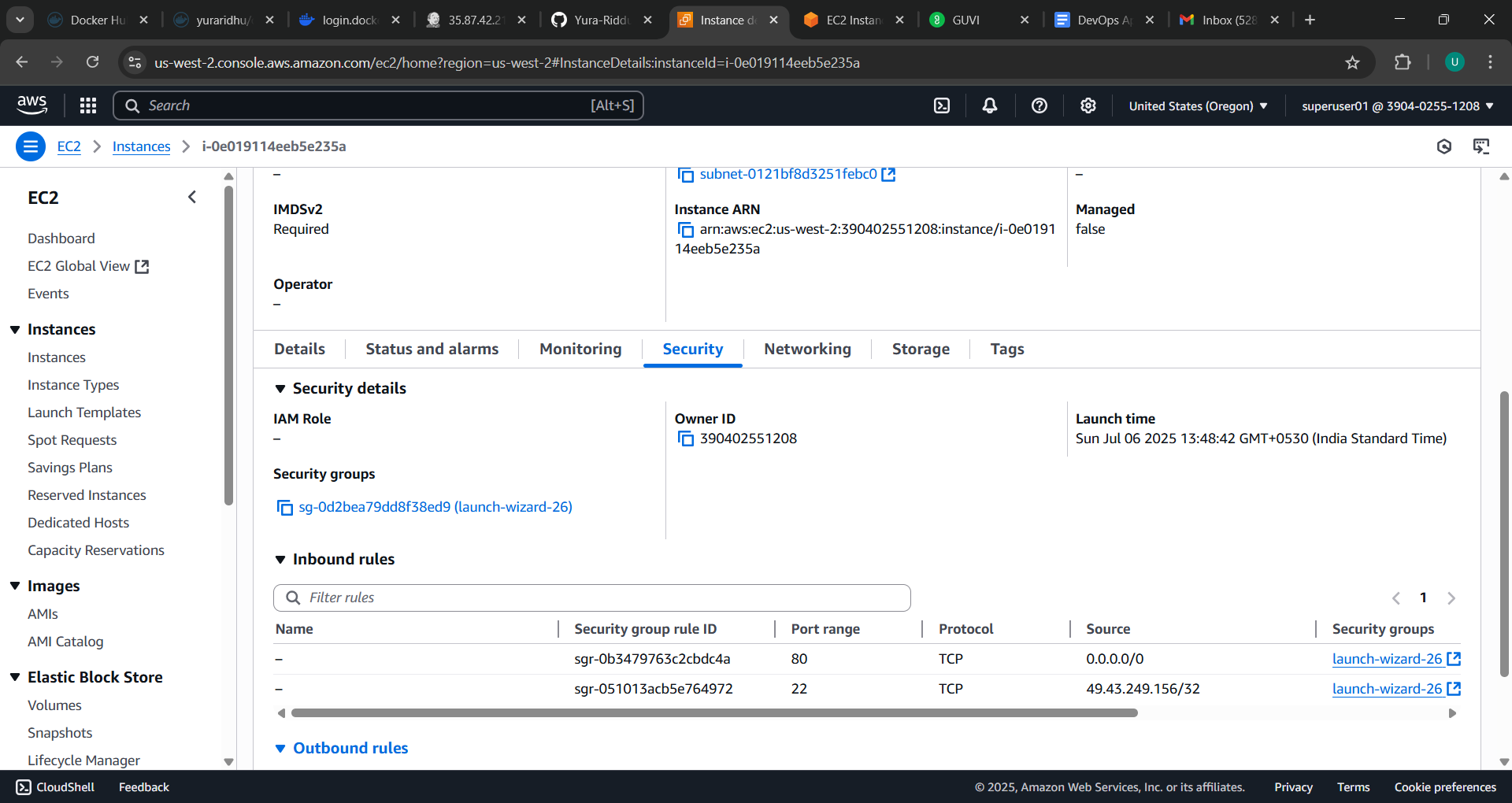


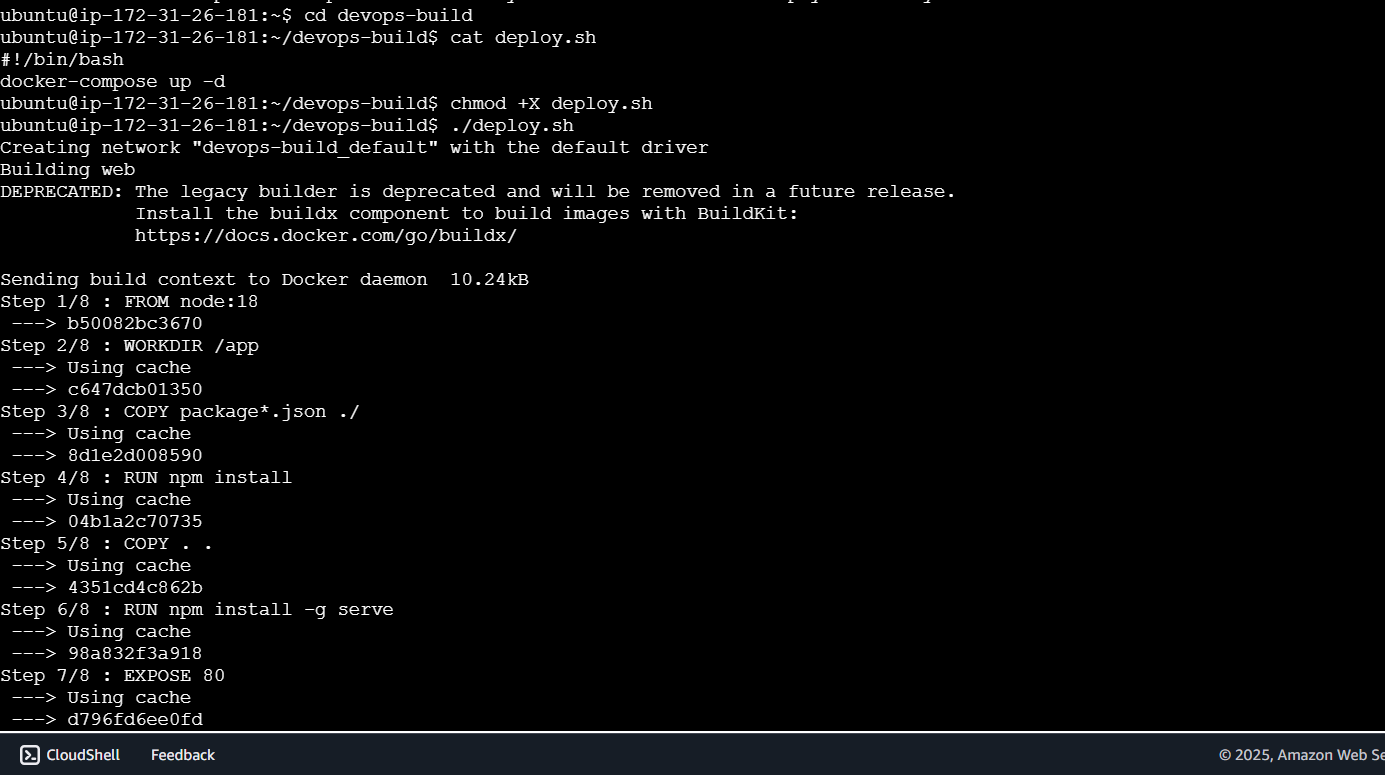




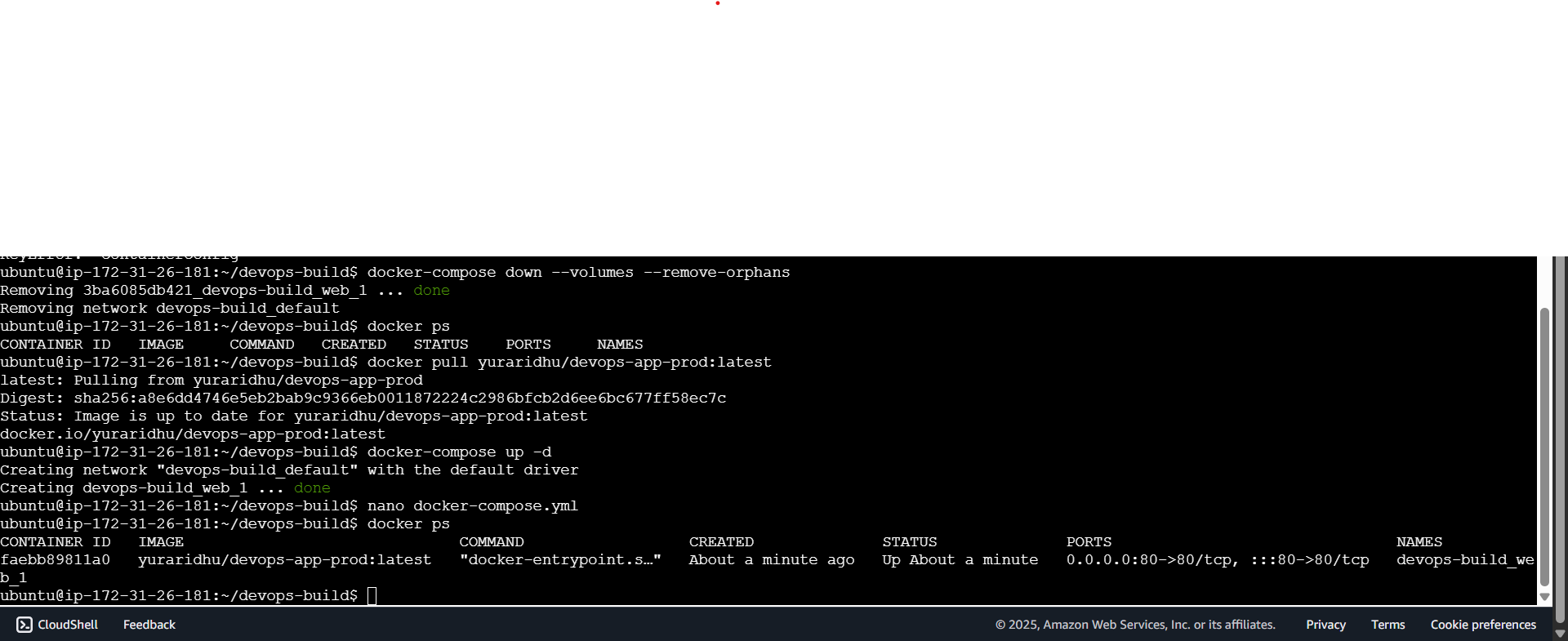
Launched EC2 instance with SG SSH 22 (from my ip) HTTP 80 (Pubilc IP) & Deployed to AWS – SSH & setup



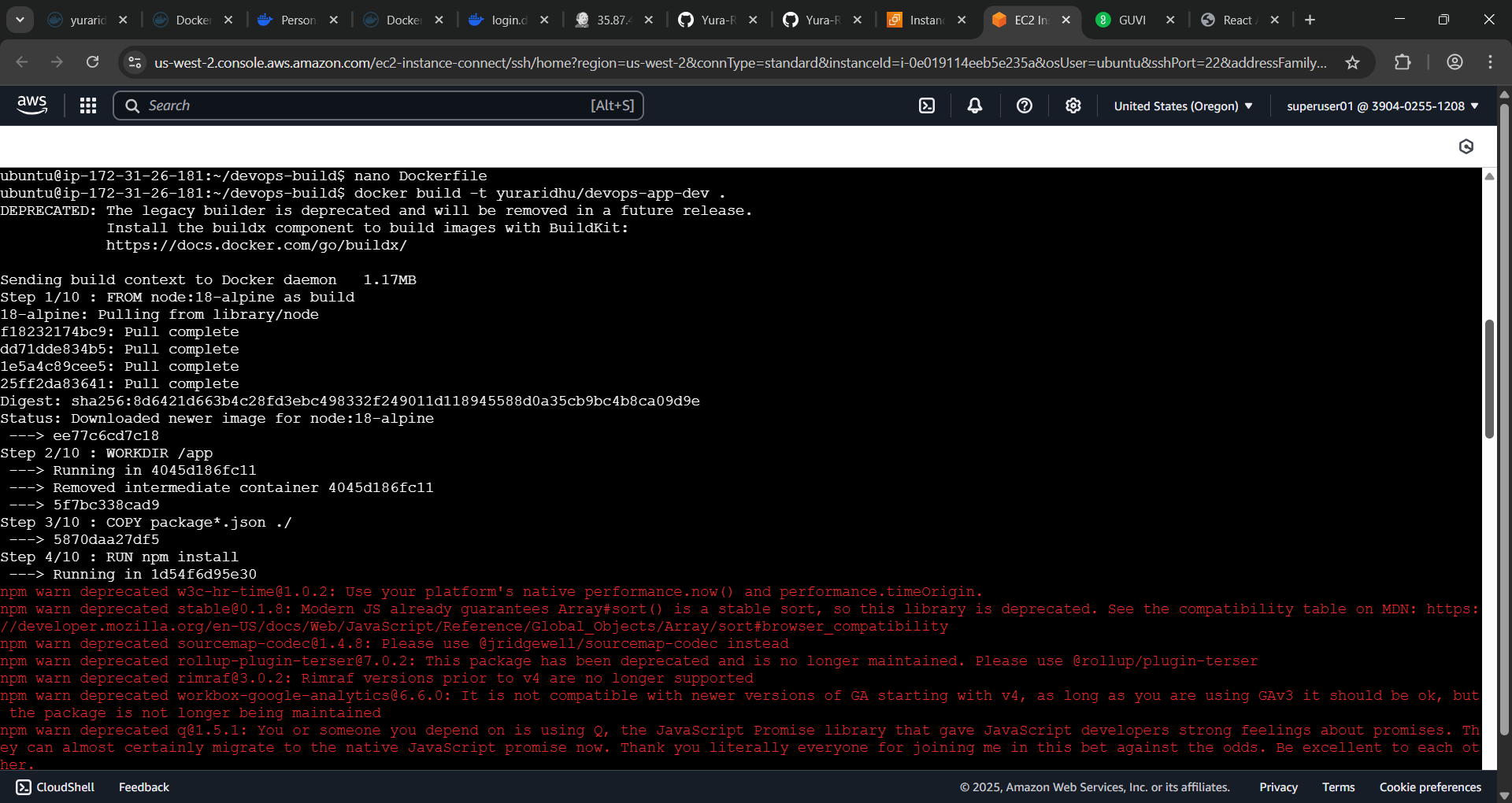


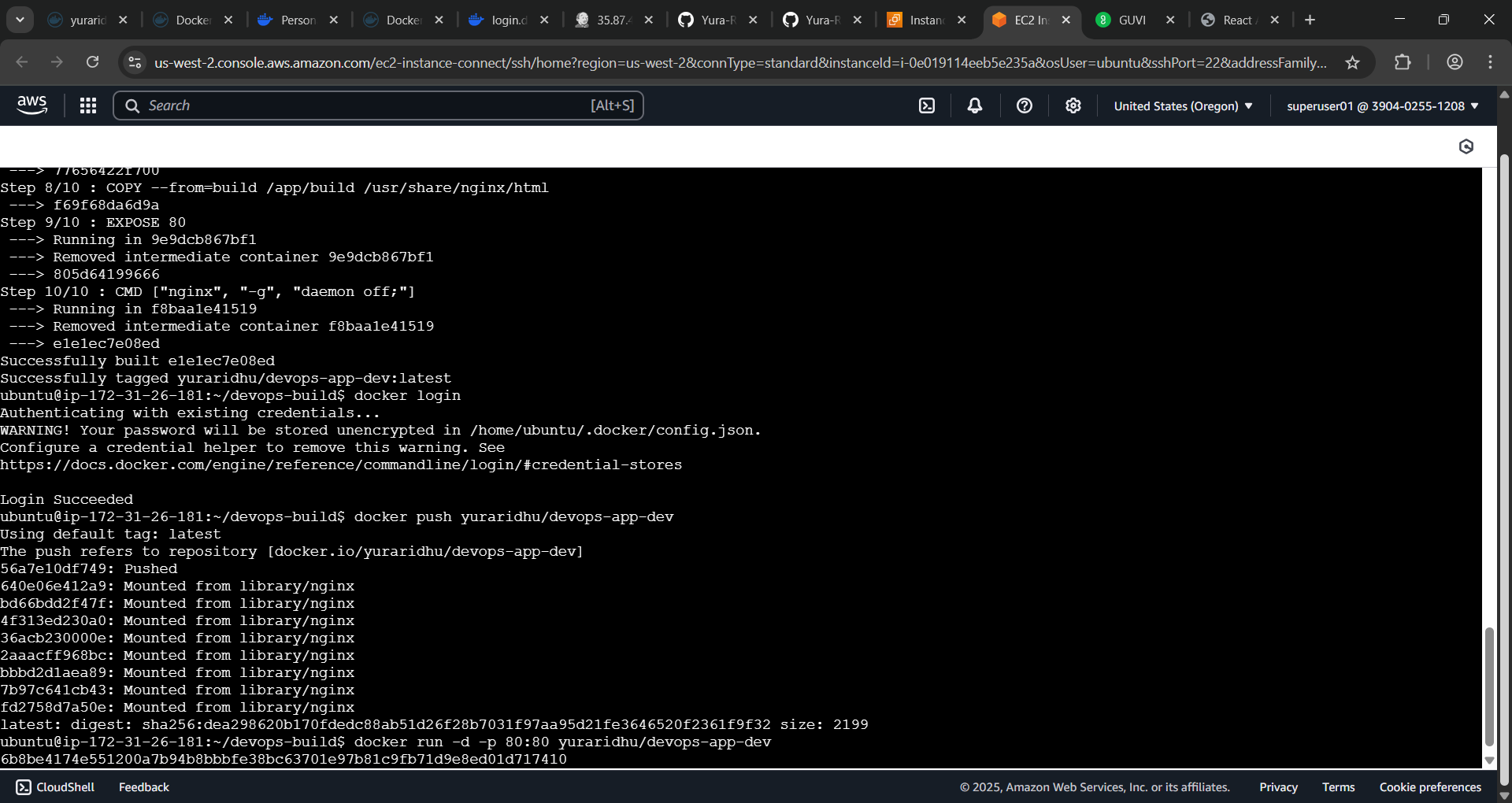




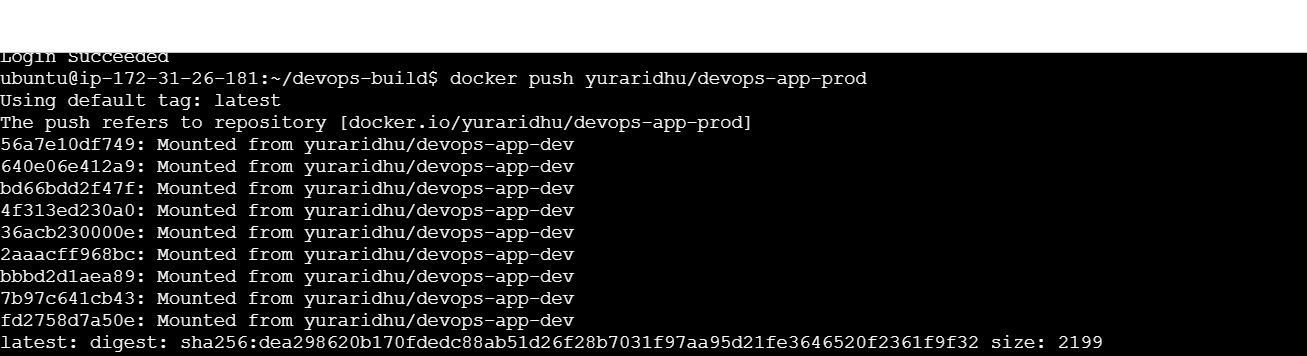


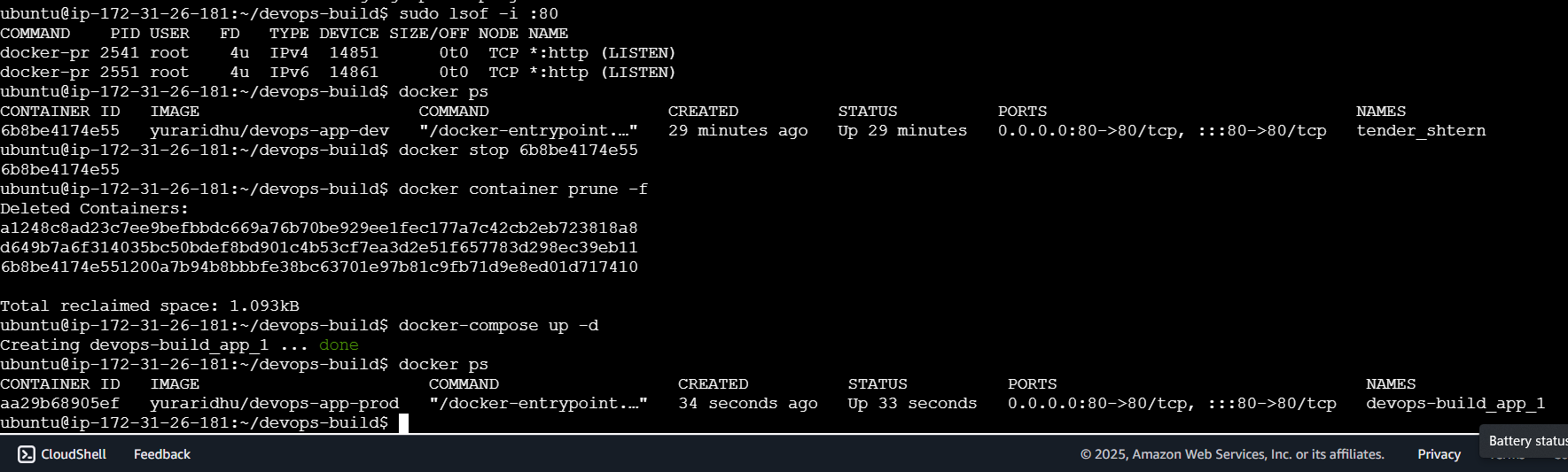


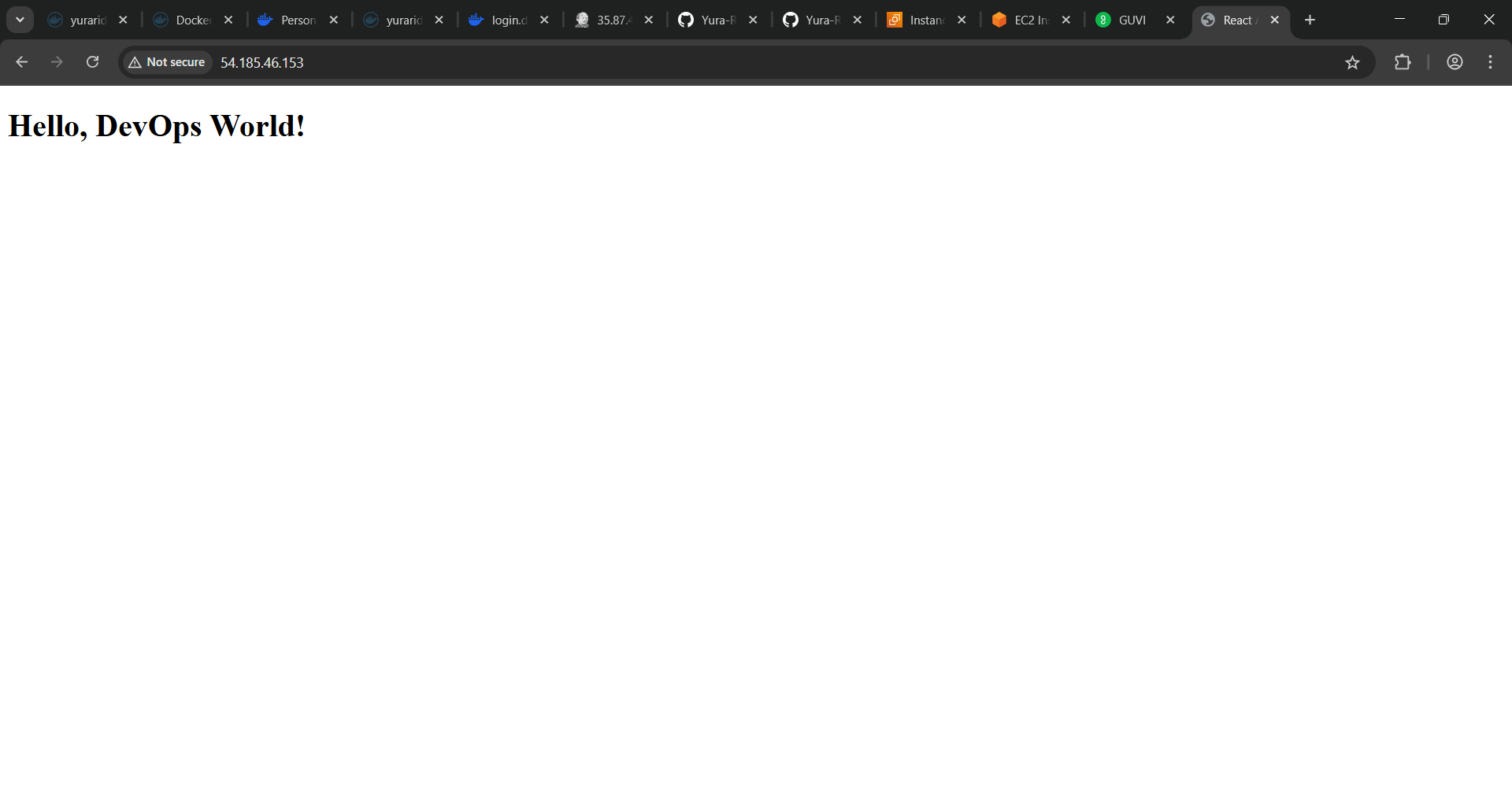




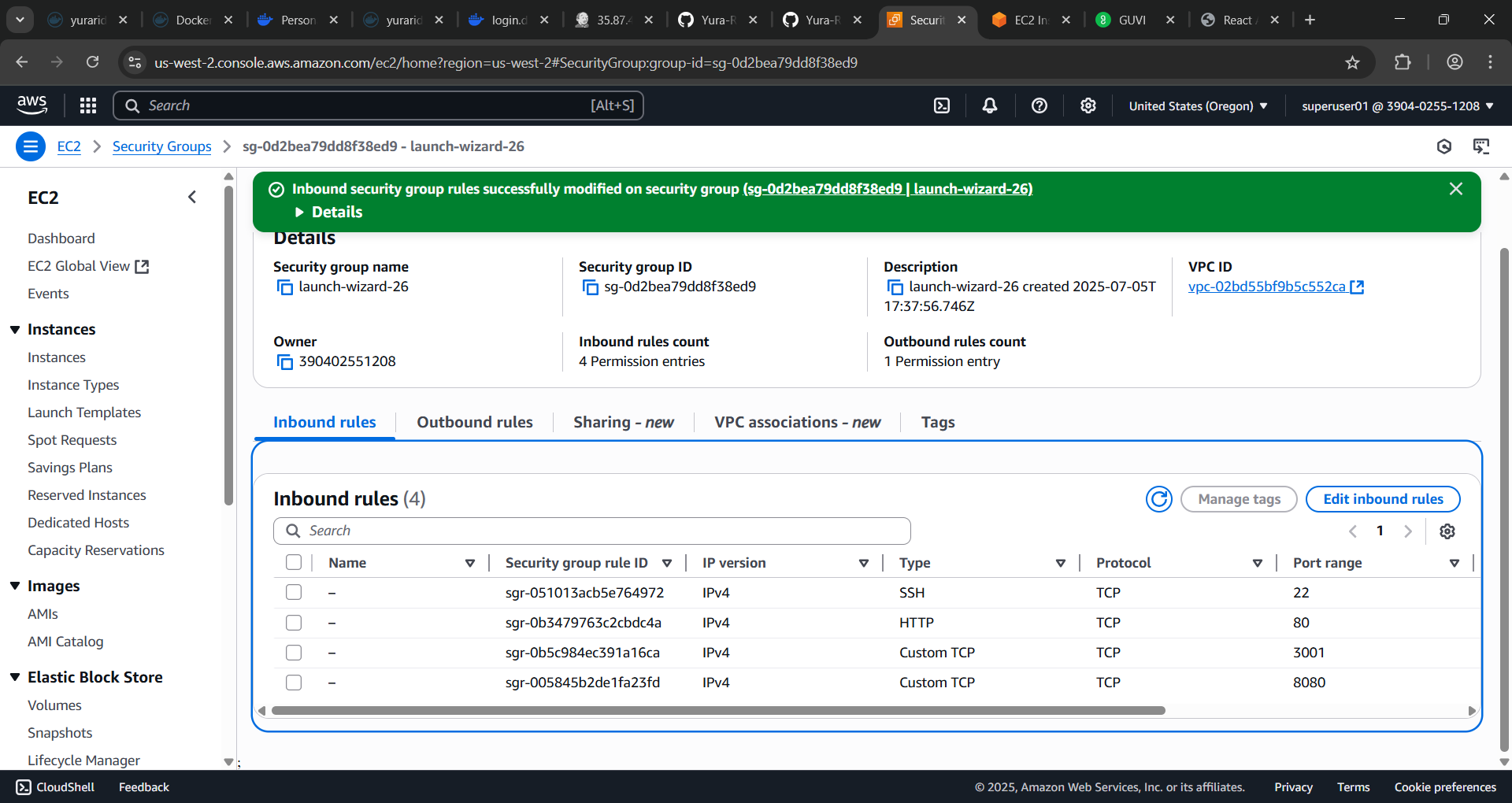


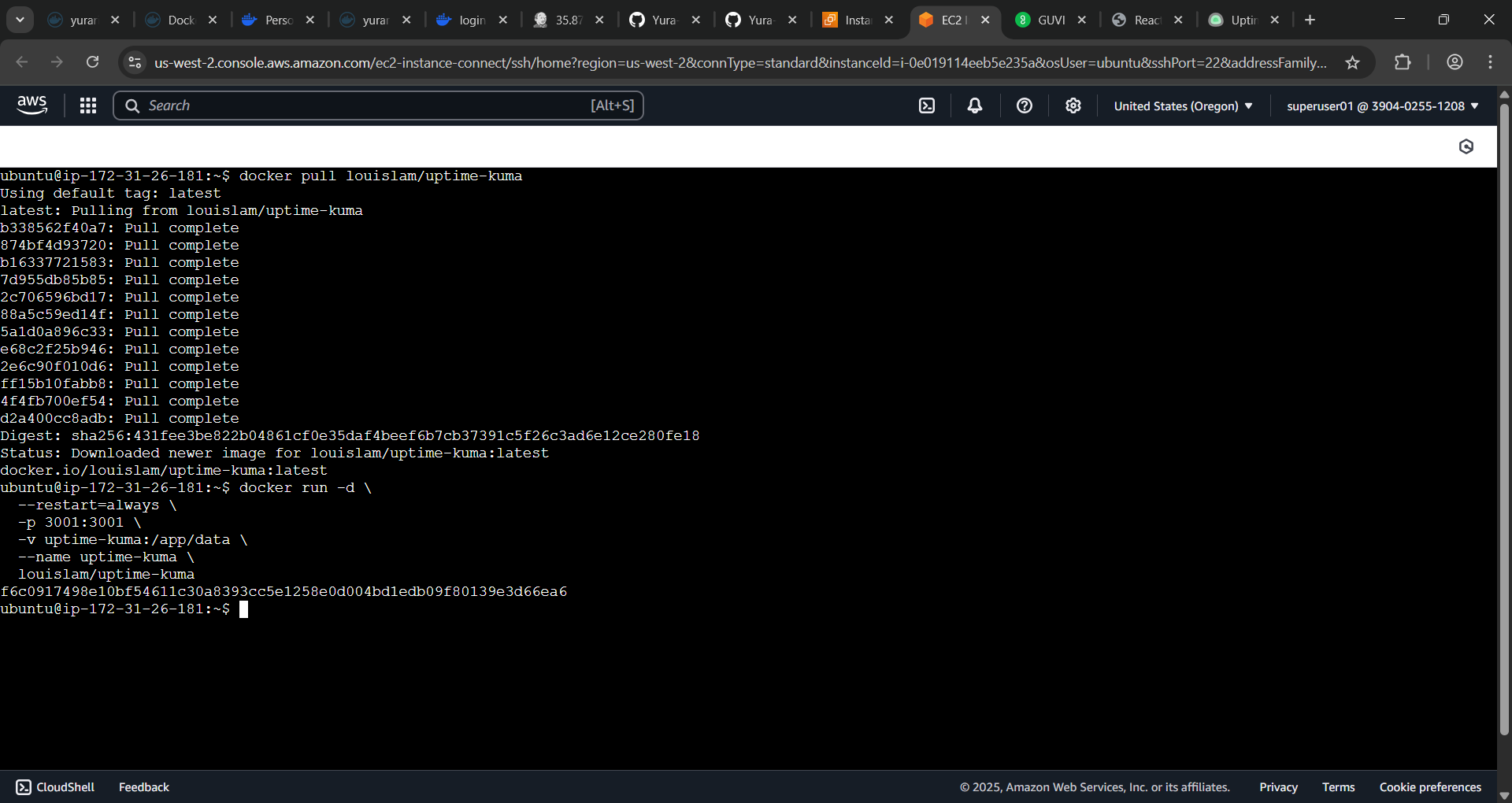


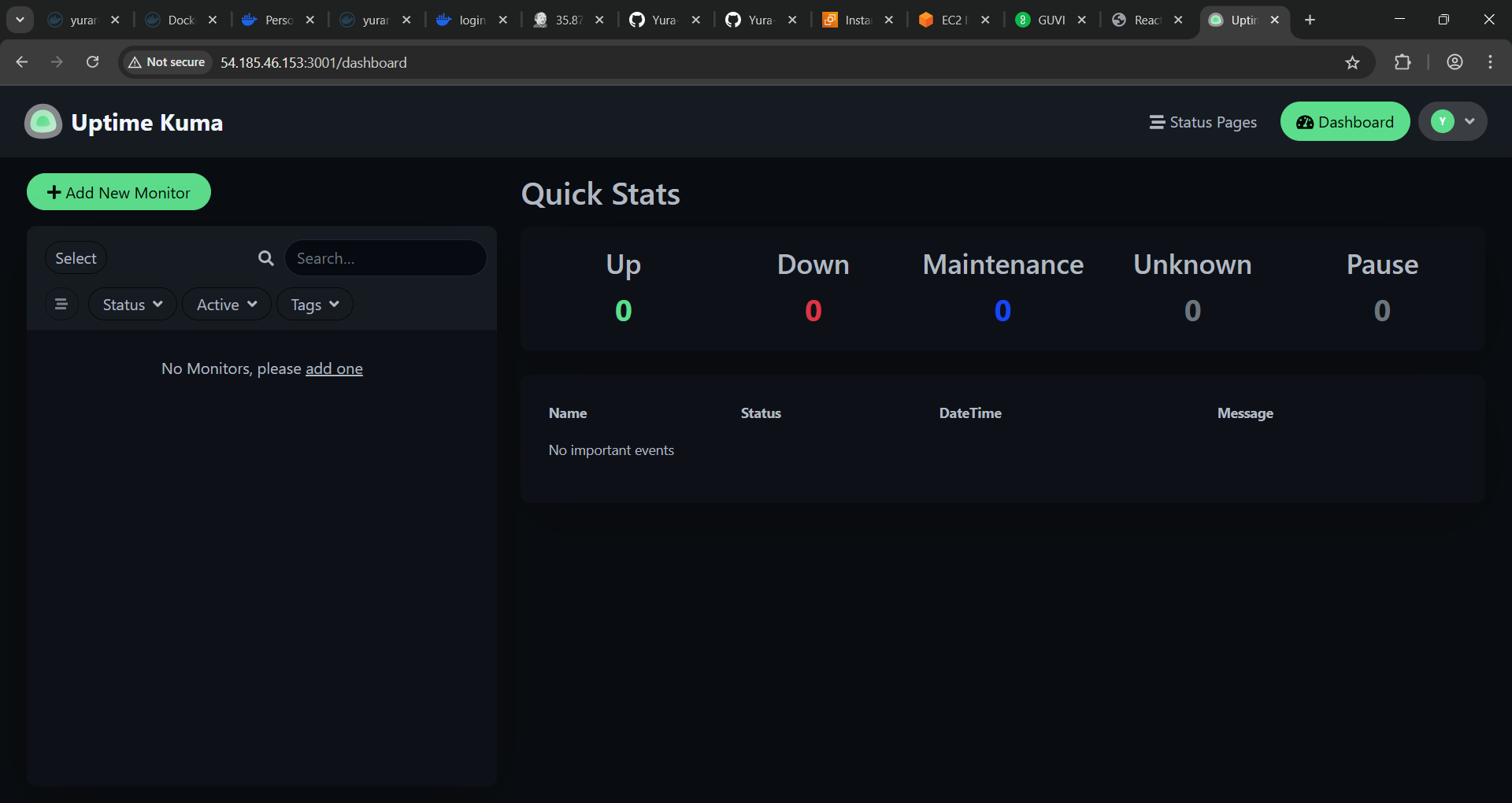


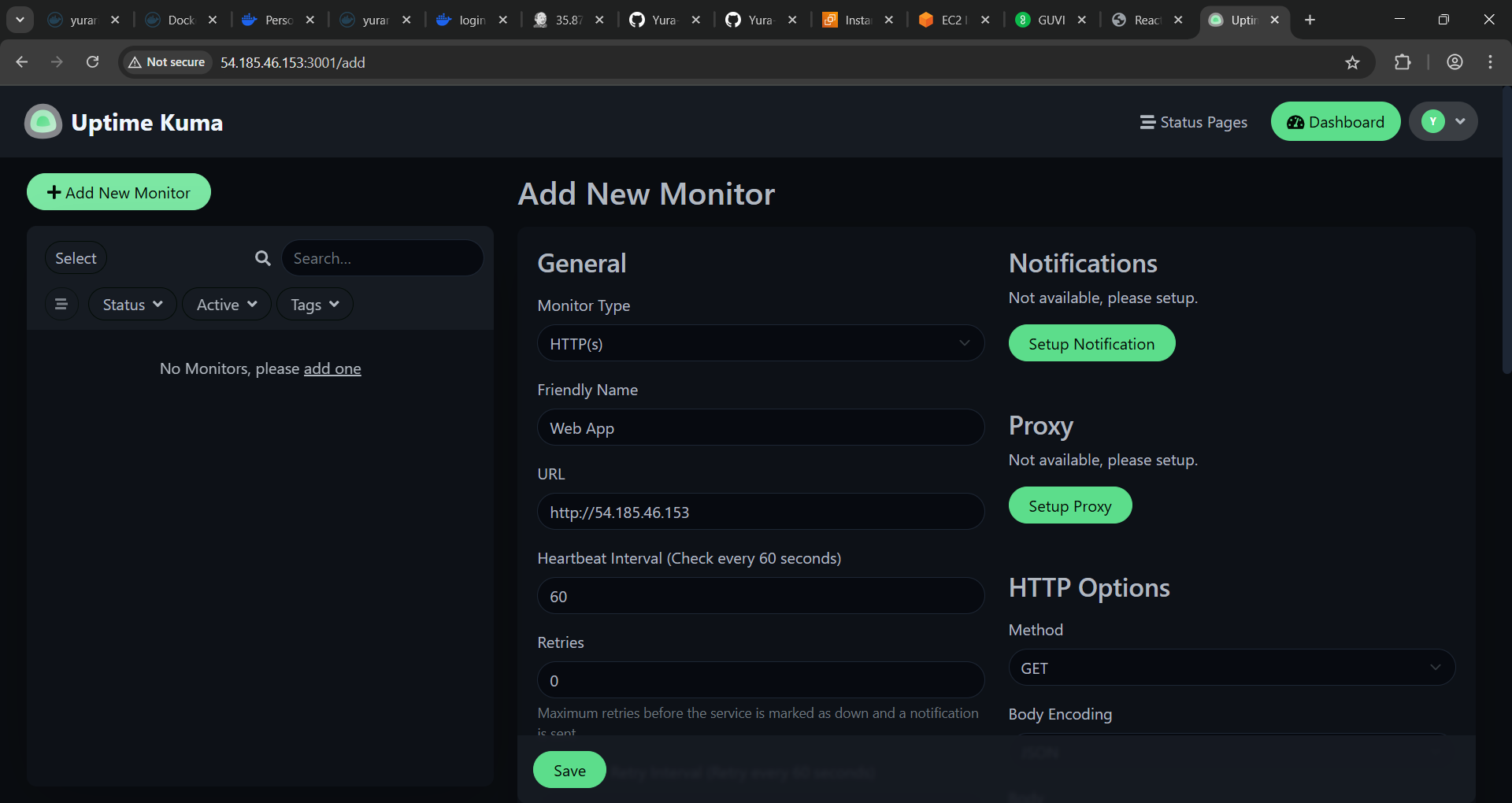


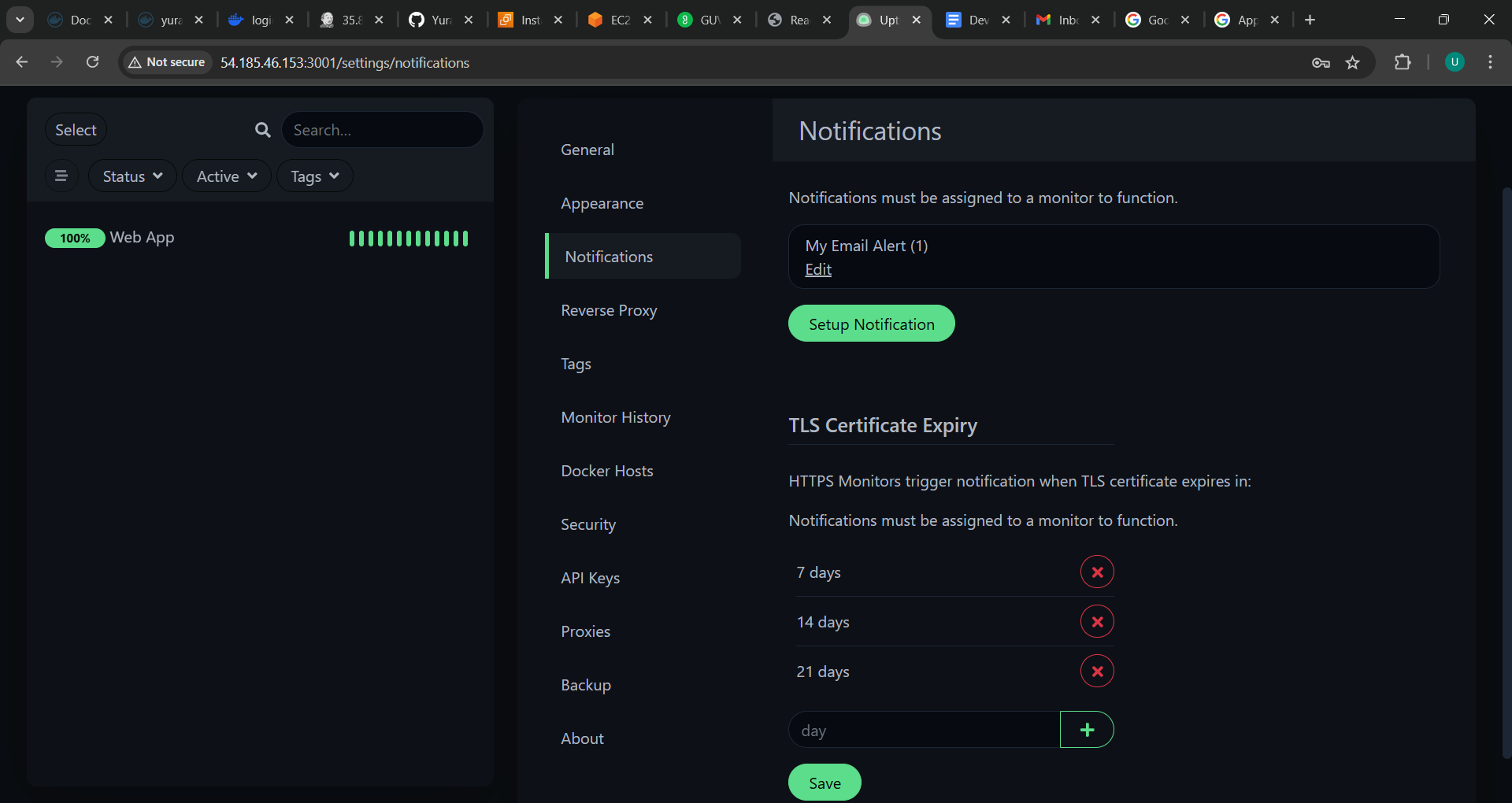
Monitoring Setup – Opened a port for monitoring (3001), Ran Uptime Kuma in Docker, Accessed the Kuma Web Dashboard, Added a monitor to the app and setted up notifications when application go down.

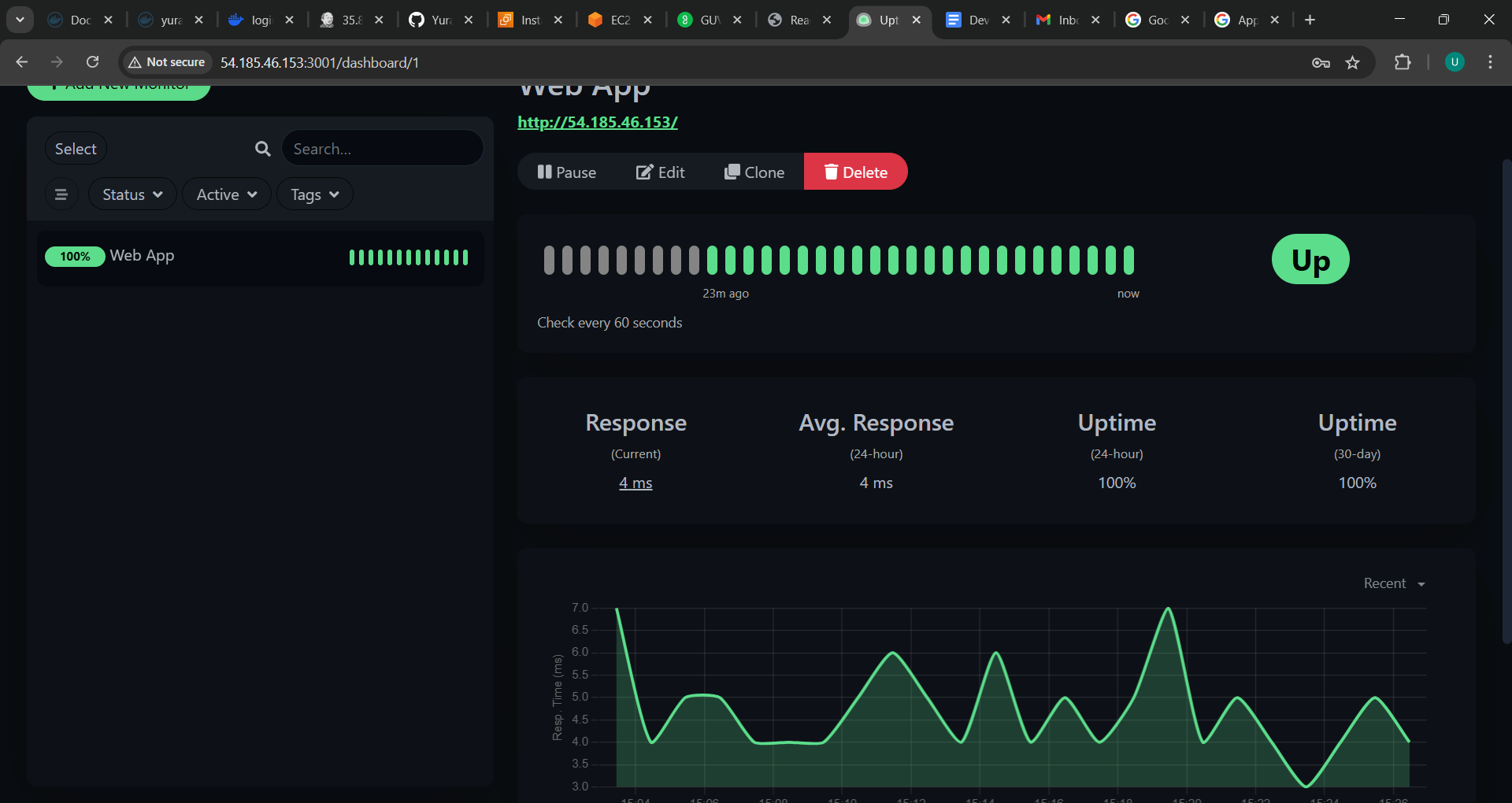


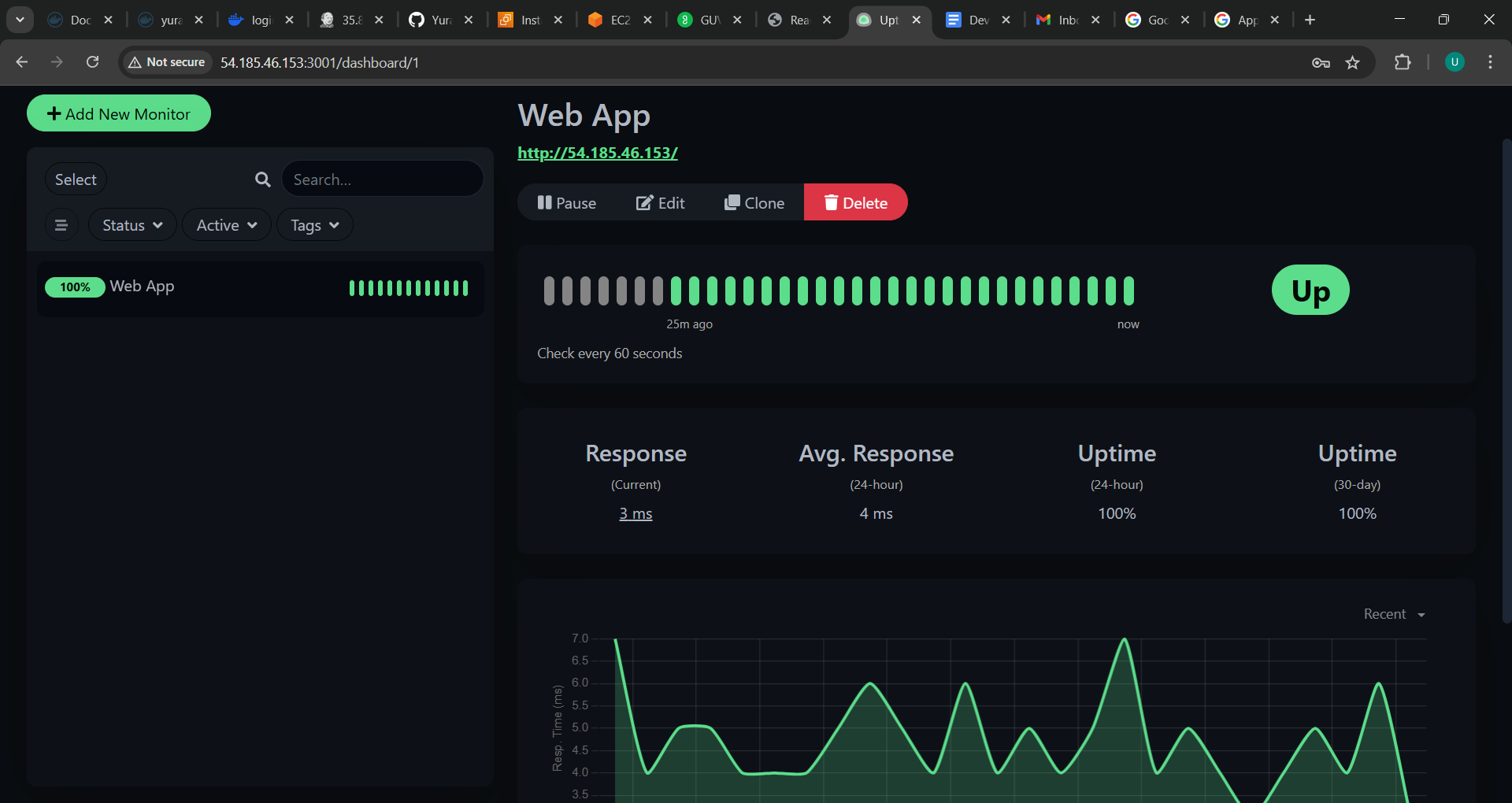


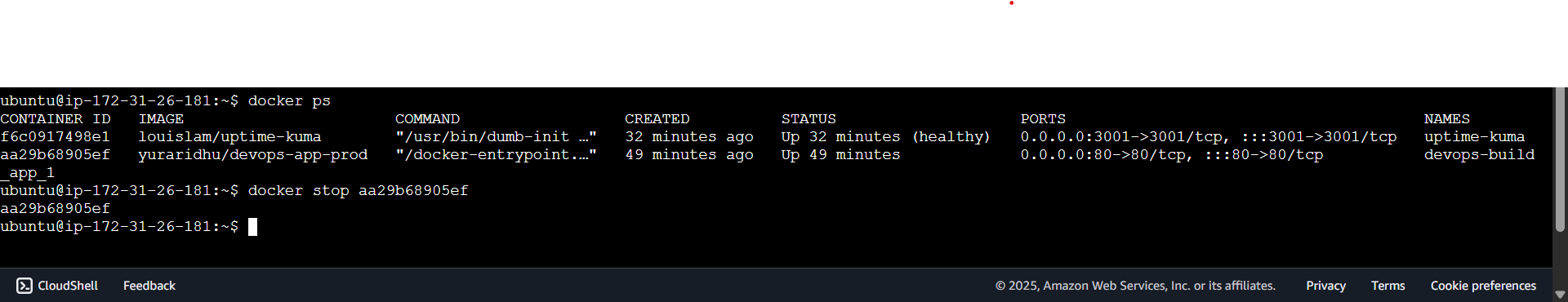


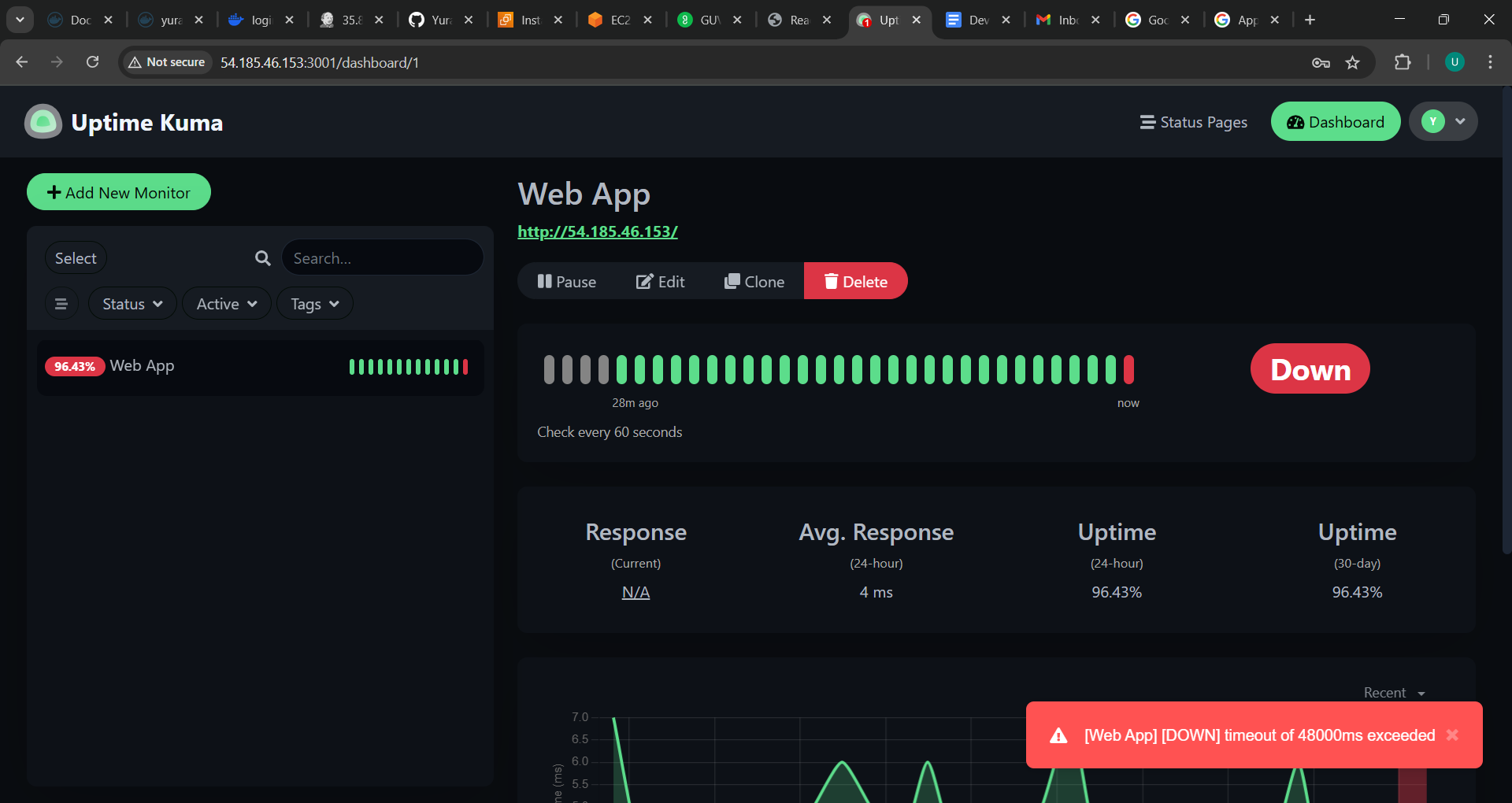


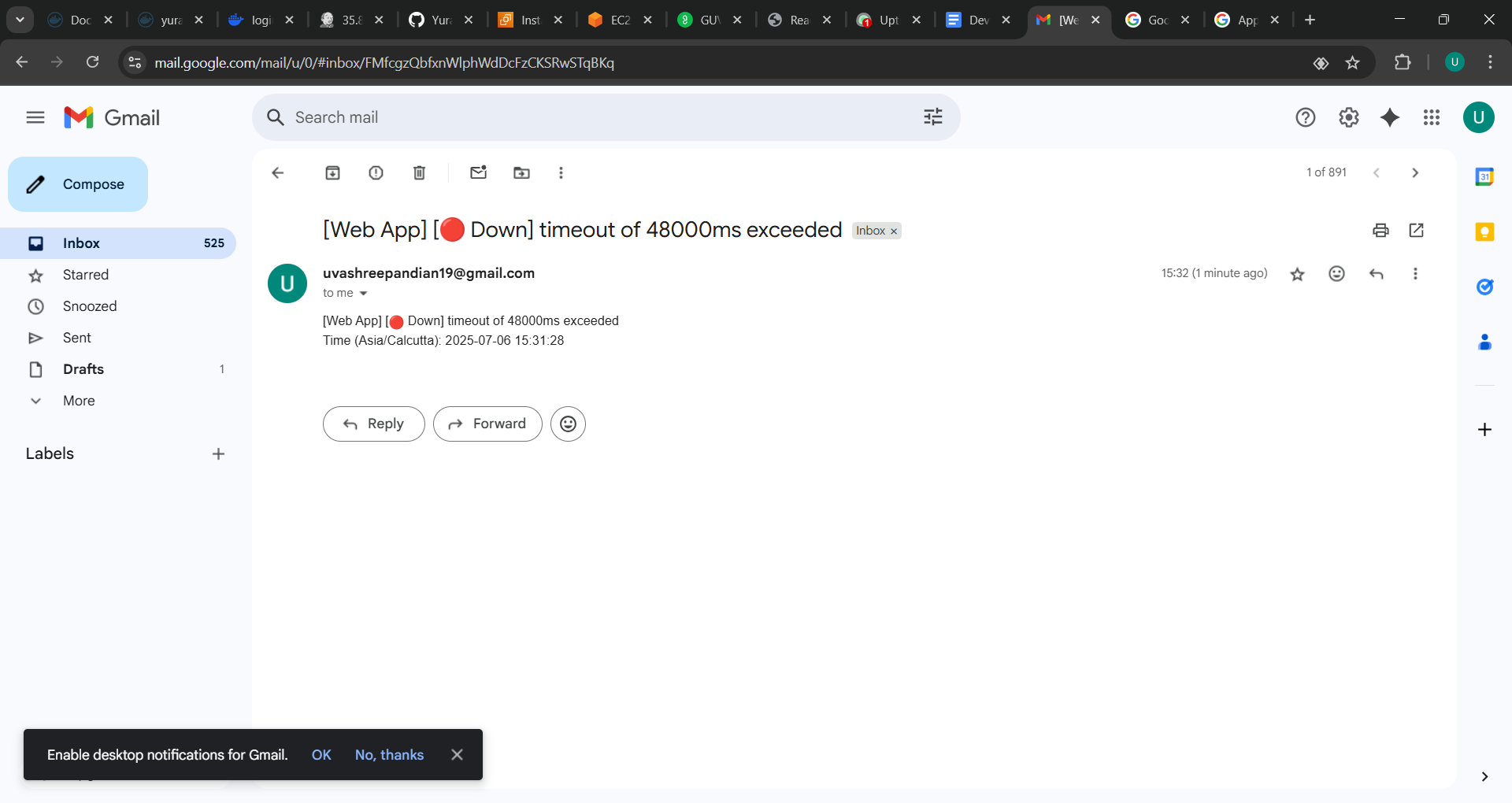












Submission:

GitHub repo URL: <https://github.com/Yura-Riddu/devops-build.git>

Deployed site URL: <http://54.185.46.153>

Docker Images:

