**Github repo url:**

<https://github.com/Sinolinaa/devops-build/>

**Deployed site url:**

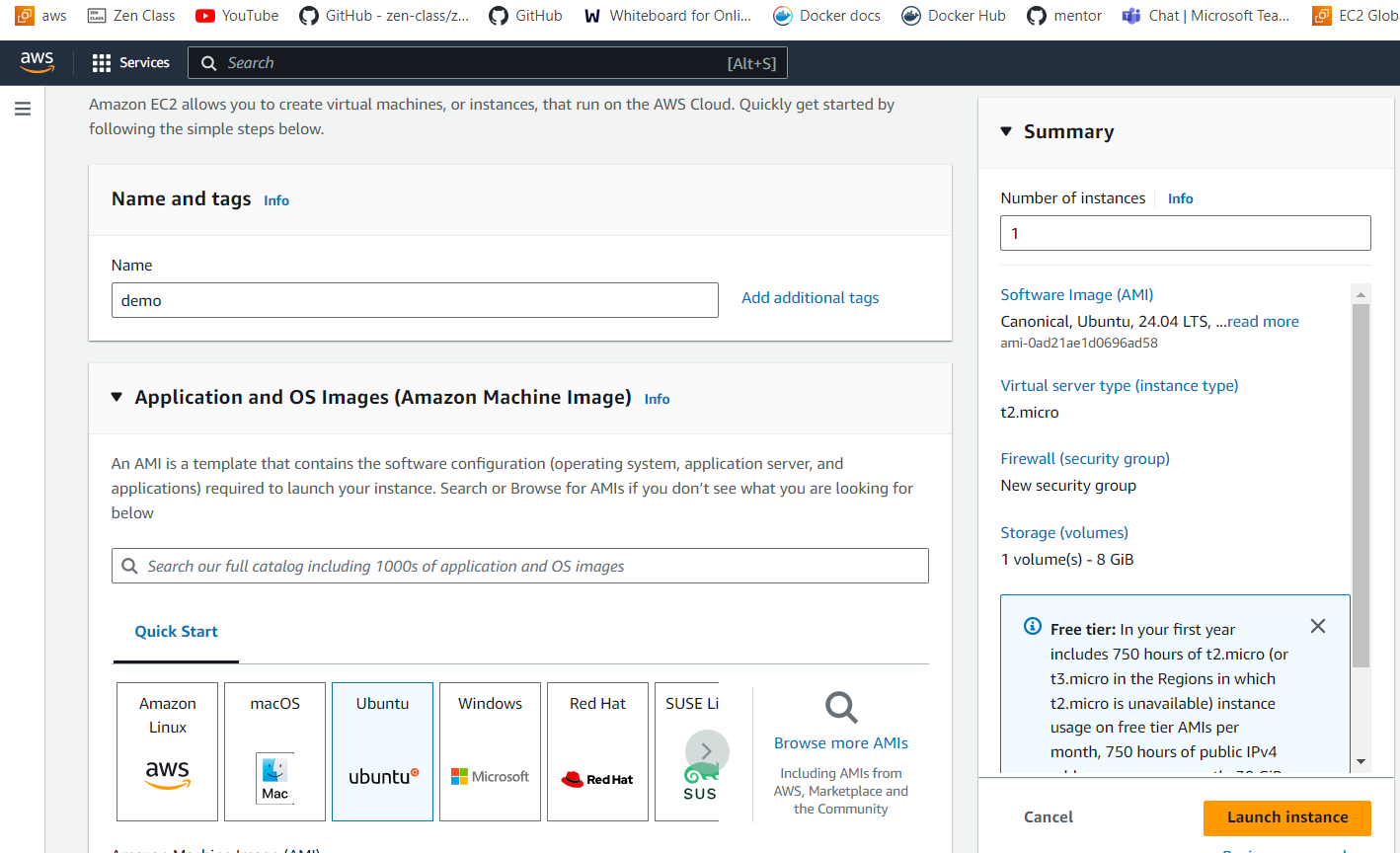
<http://13.234.186.94/>

**Docker image name:**

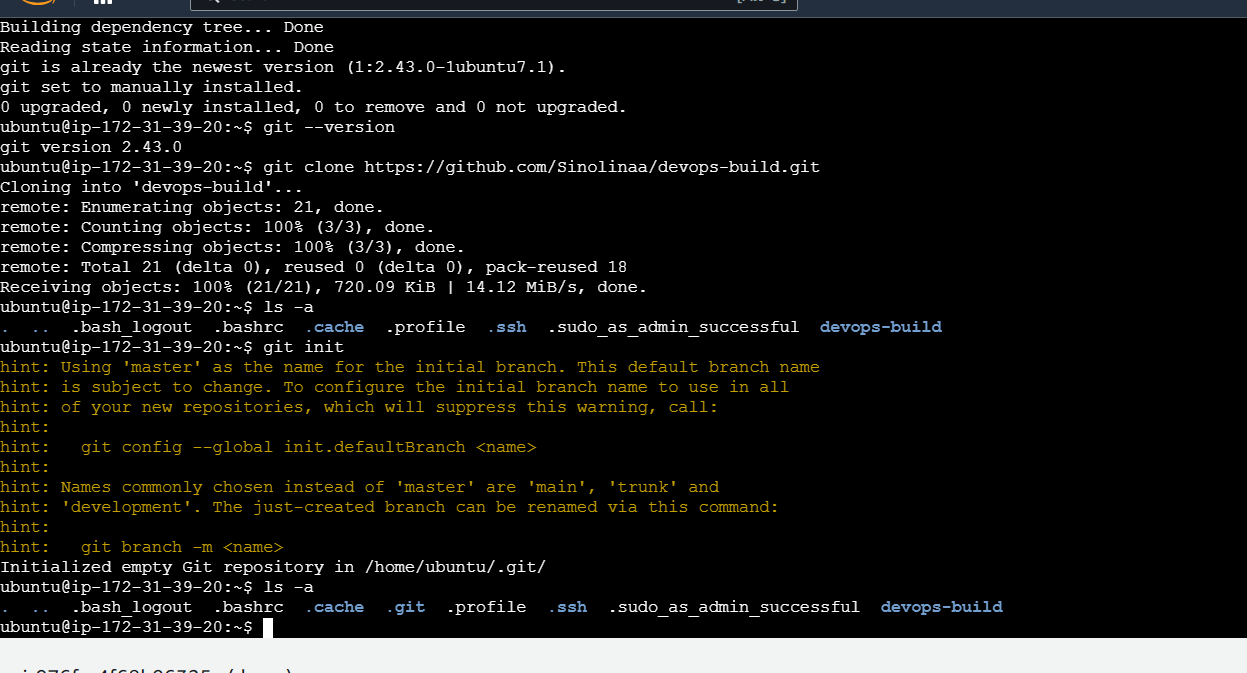
Sinolinaa/dev : latest

Sinolinaa/prod: latest

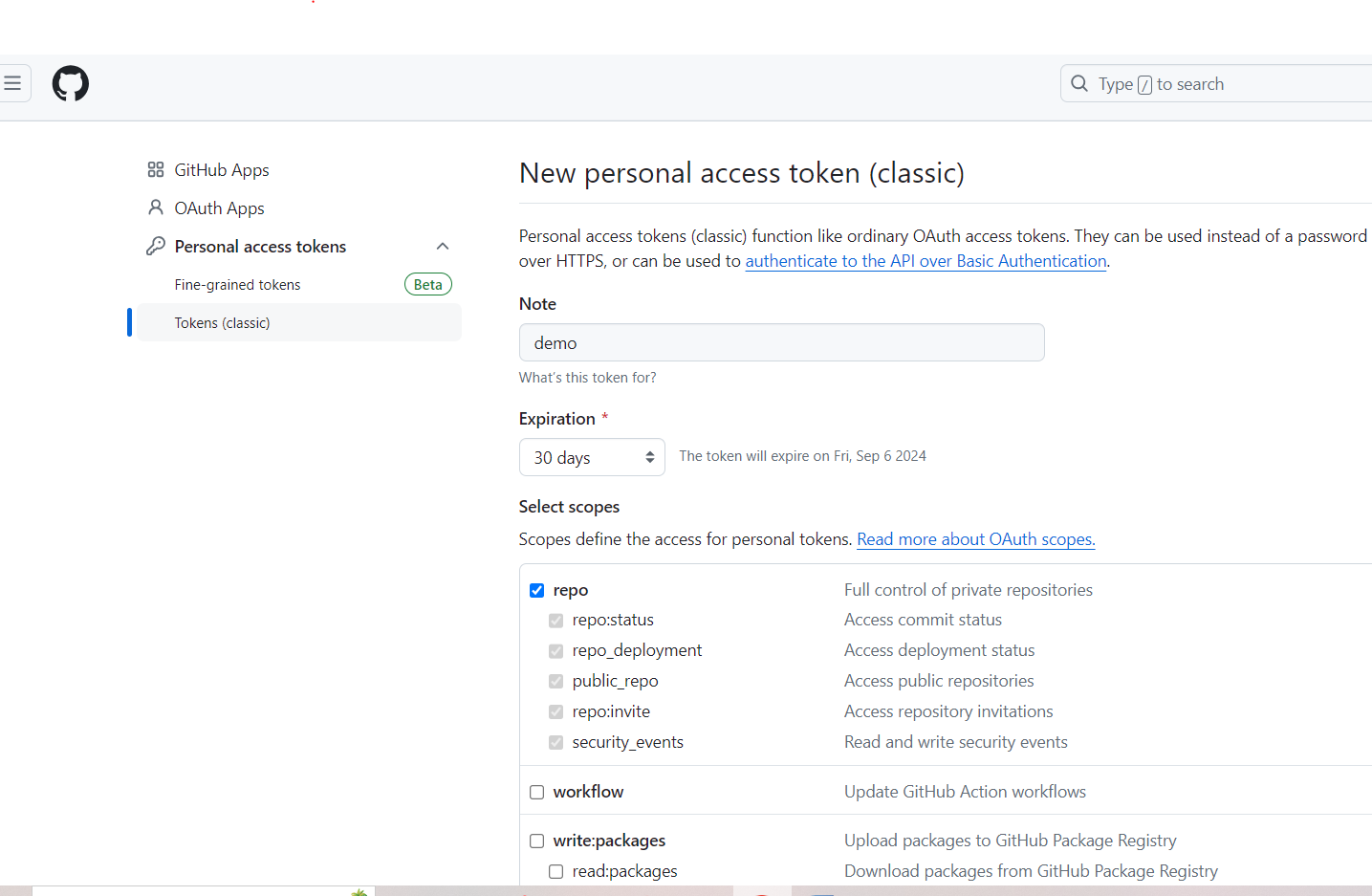
**Launching Ubuntu machine:**

****

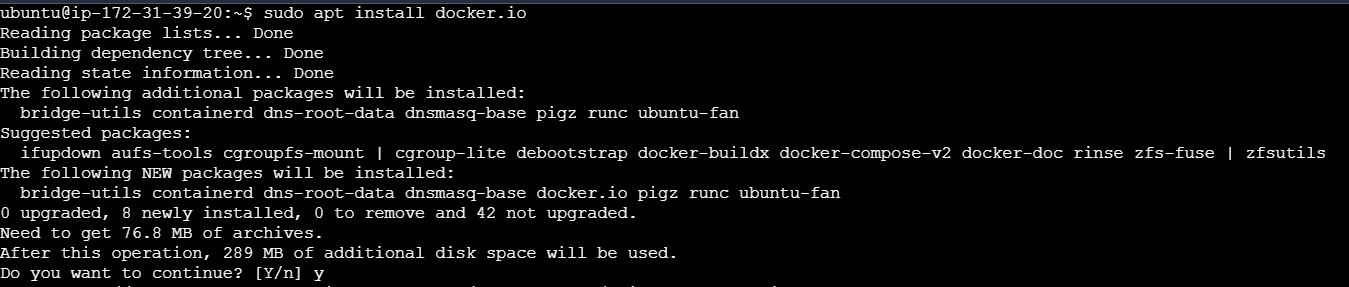
**Git clone:**

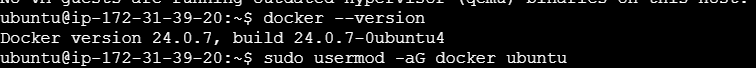
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**Authentication & Generate token:**

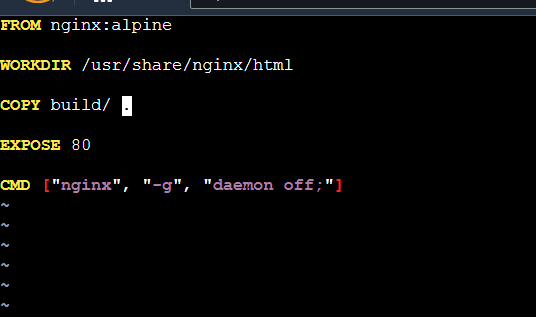
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**Docker installation:**

****

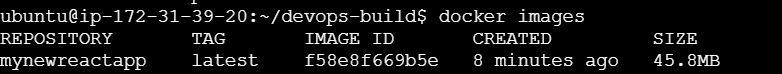
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**Writing DockerFile:**

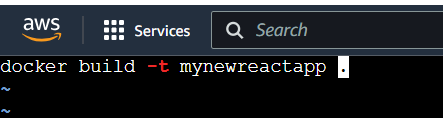


**Dockerizing image using script file(build.sh):**





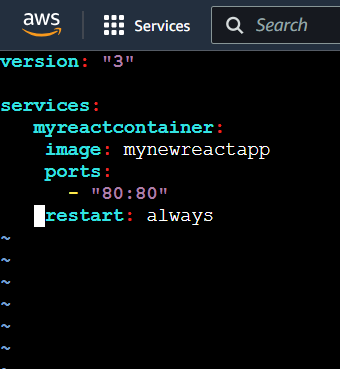
build.sh:



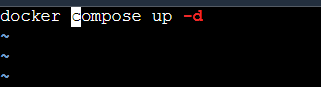
**Installation of docker-compose.yml:**

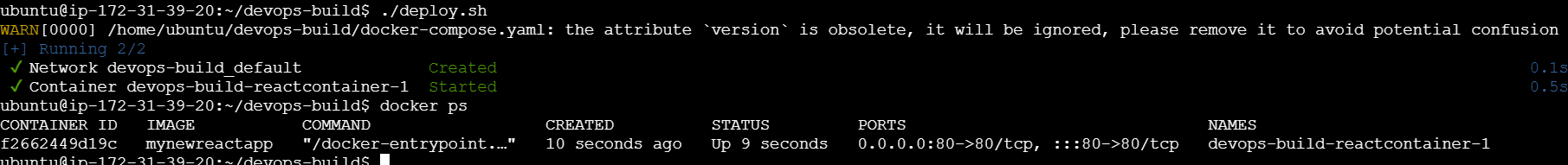


**Write docker-compose.yaml:**

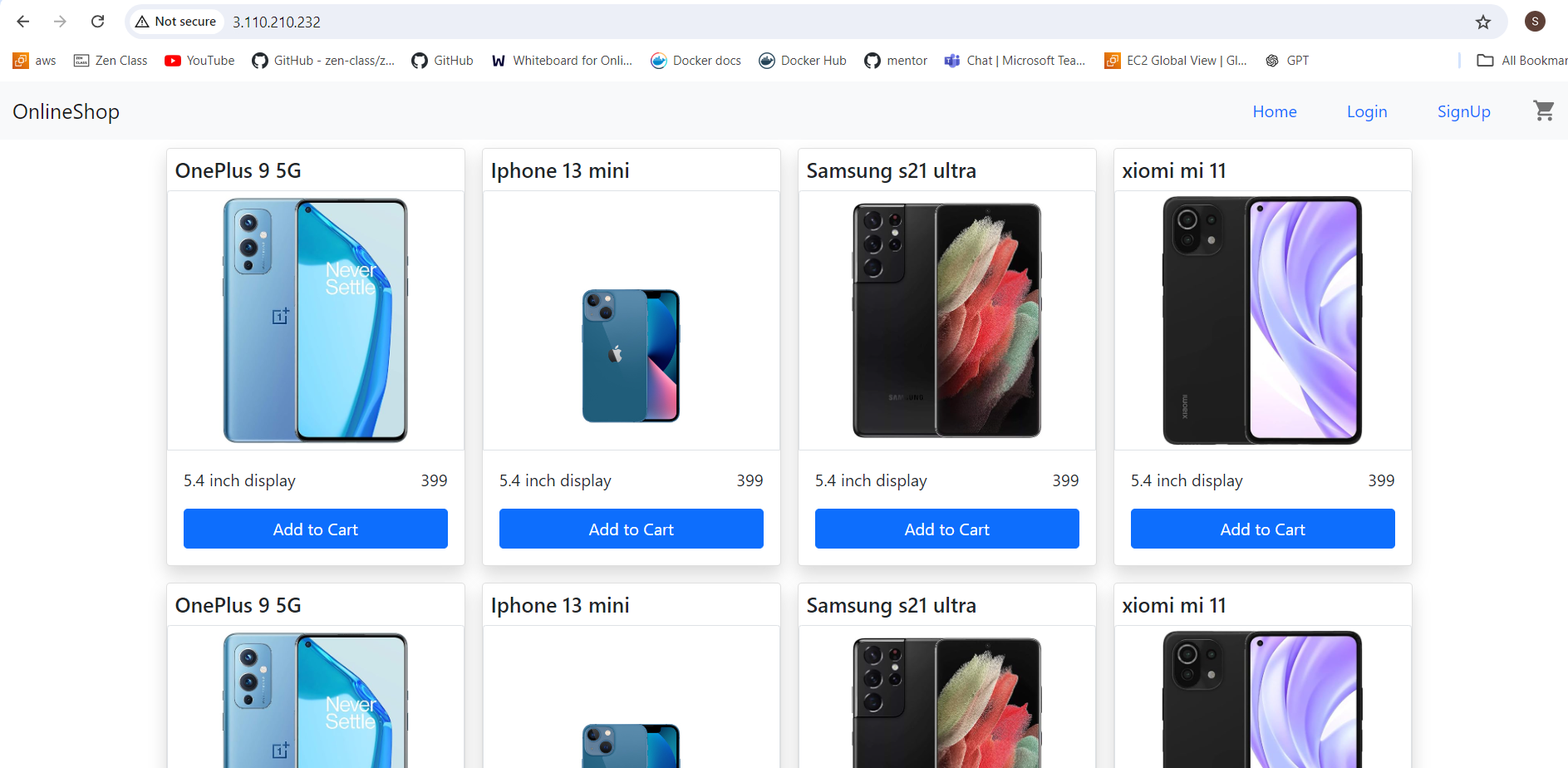


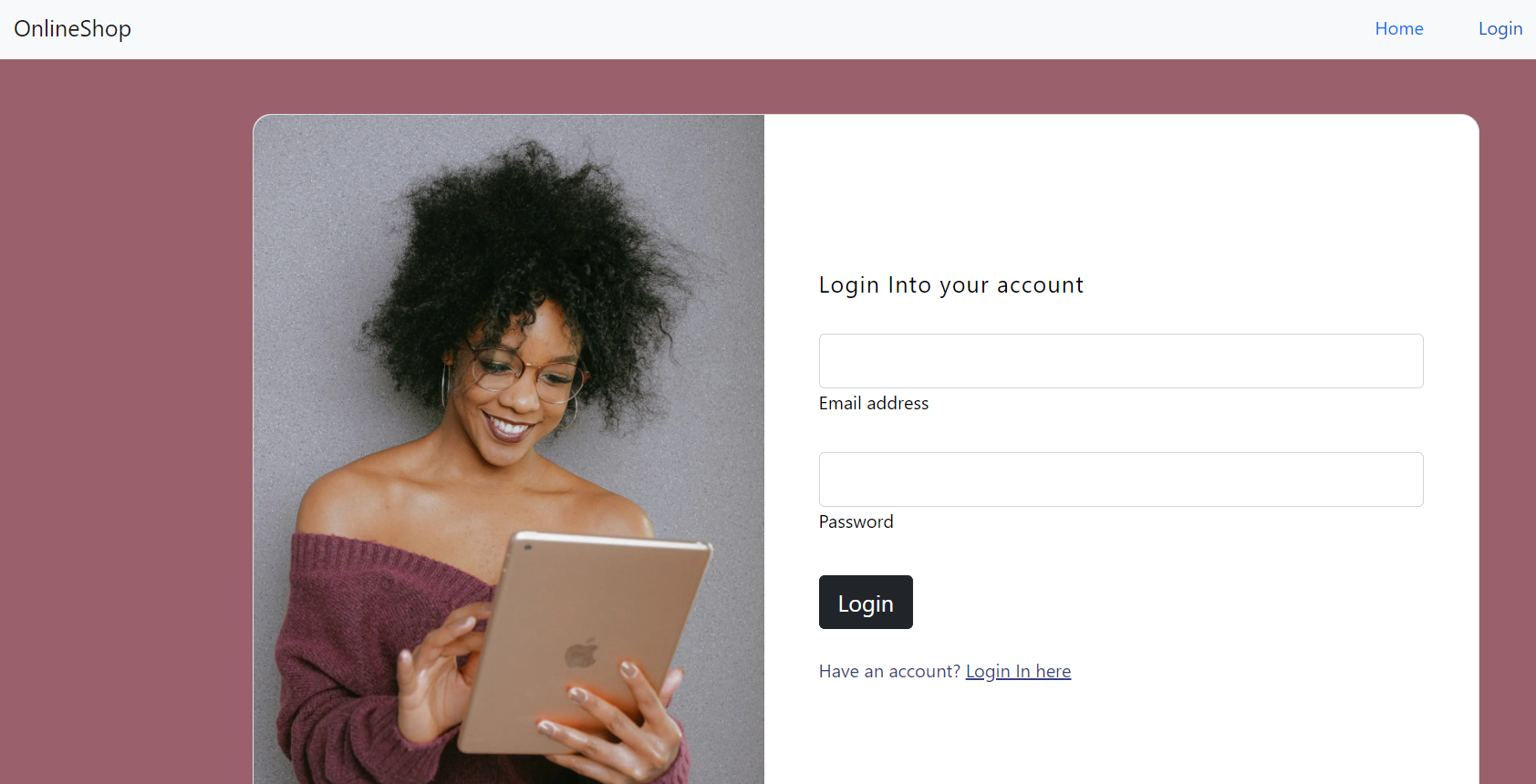
**Using scriptfile(deploy.sh) to deploy image to server:**

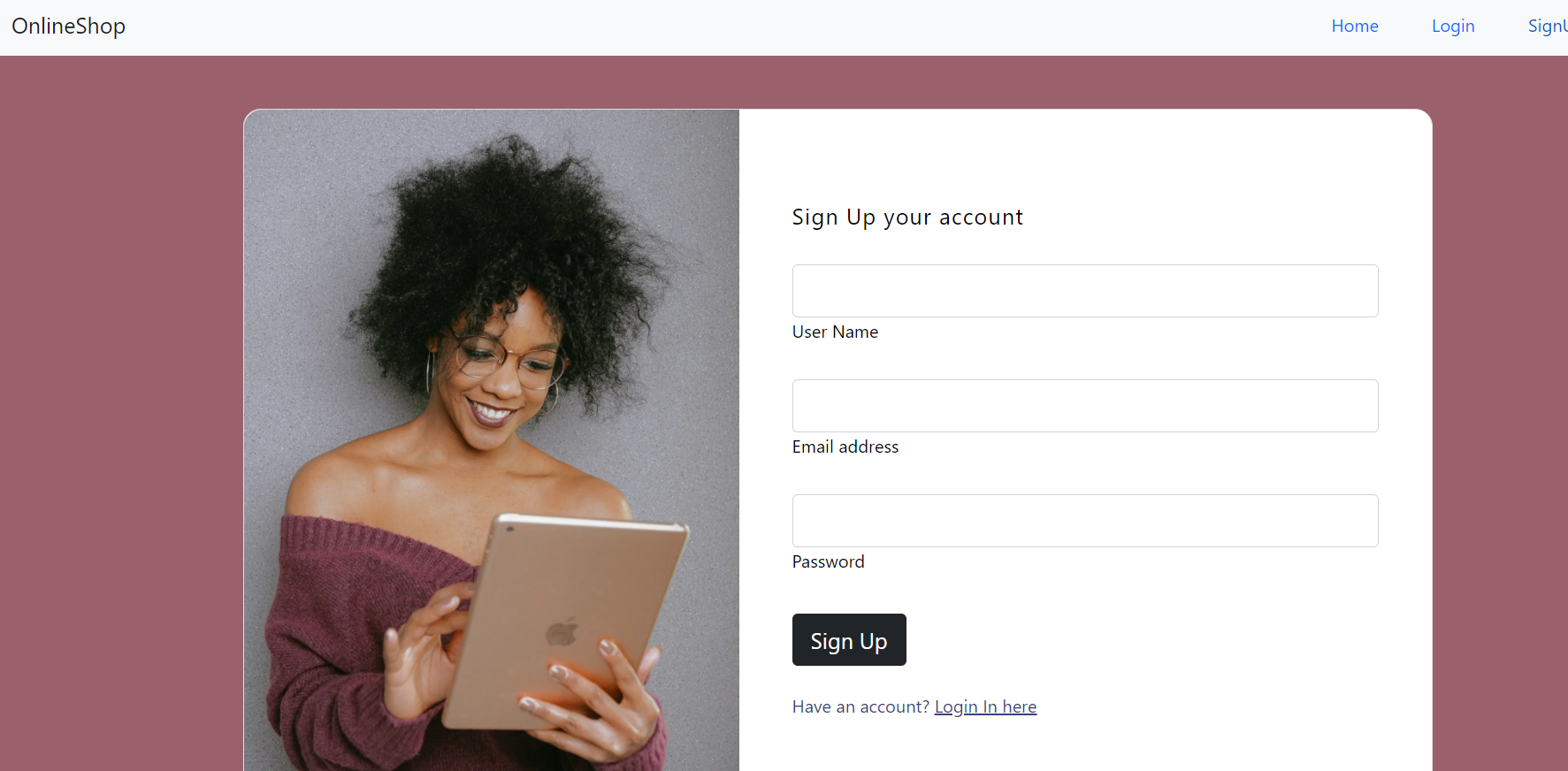




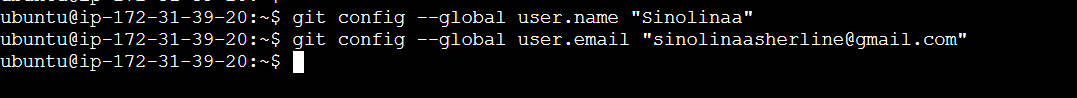
**Image in the server:**



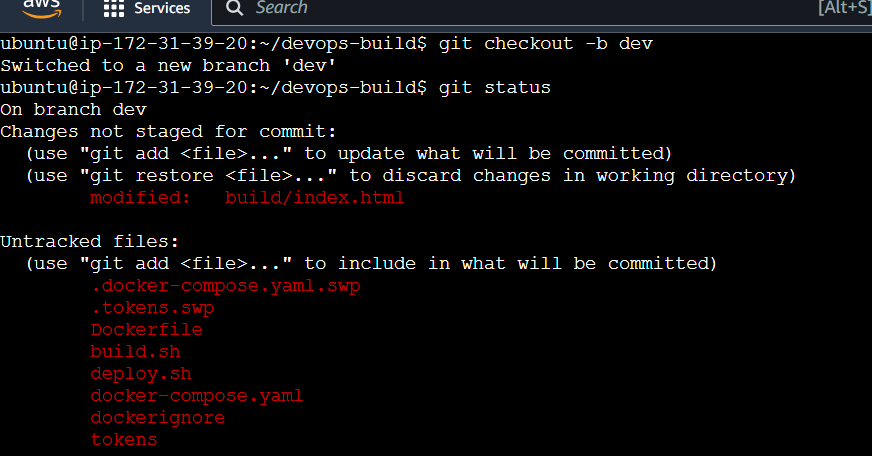




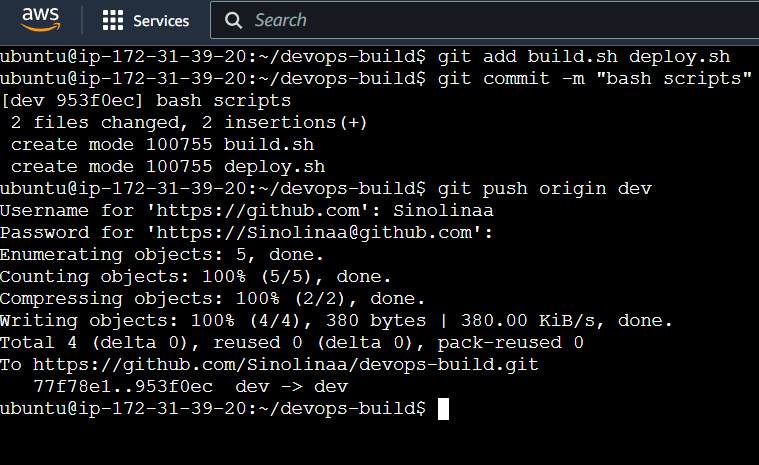
**Git Configuration:**

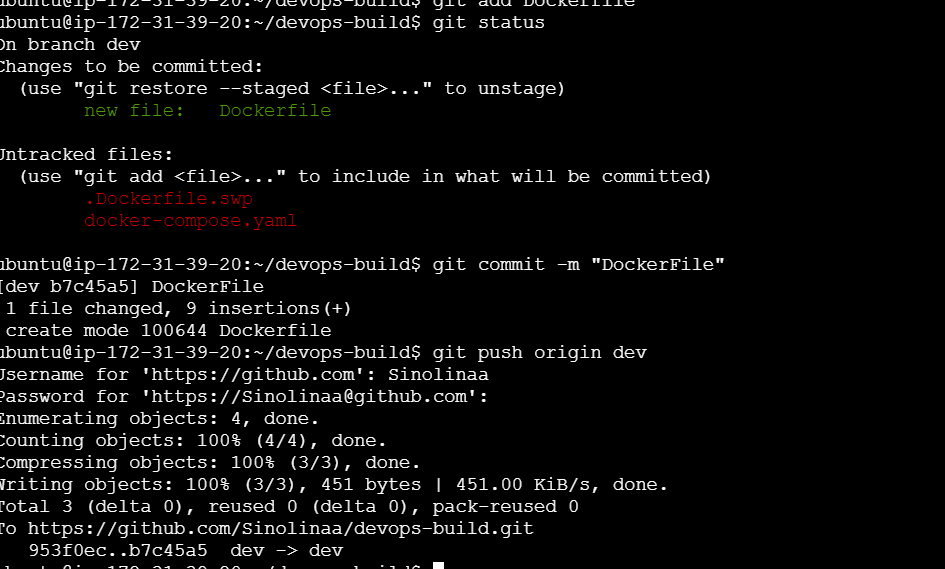


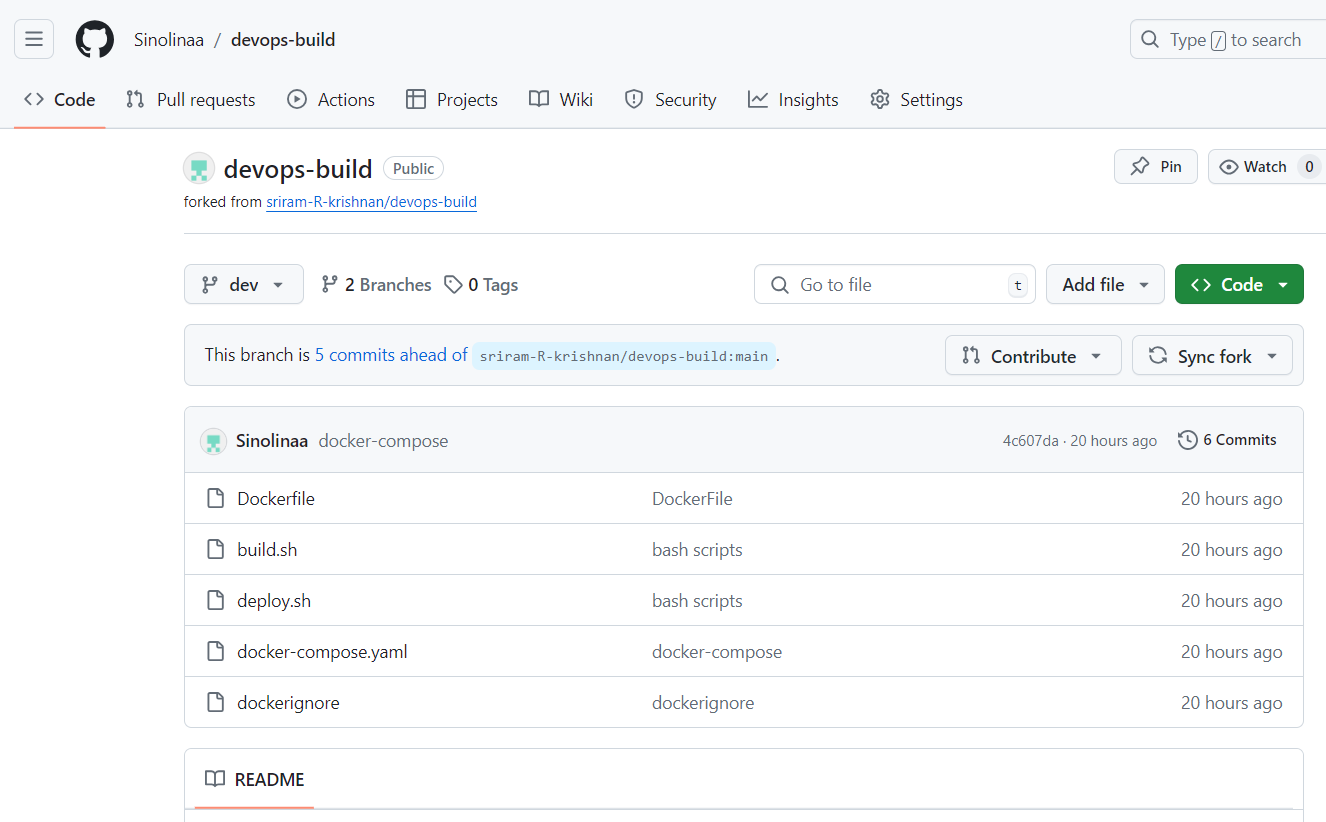
**Creating a dev branch:**

**’**

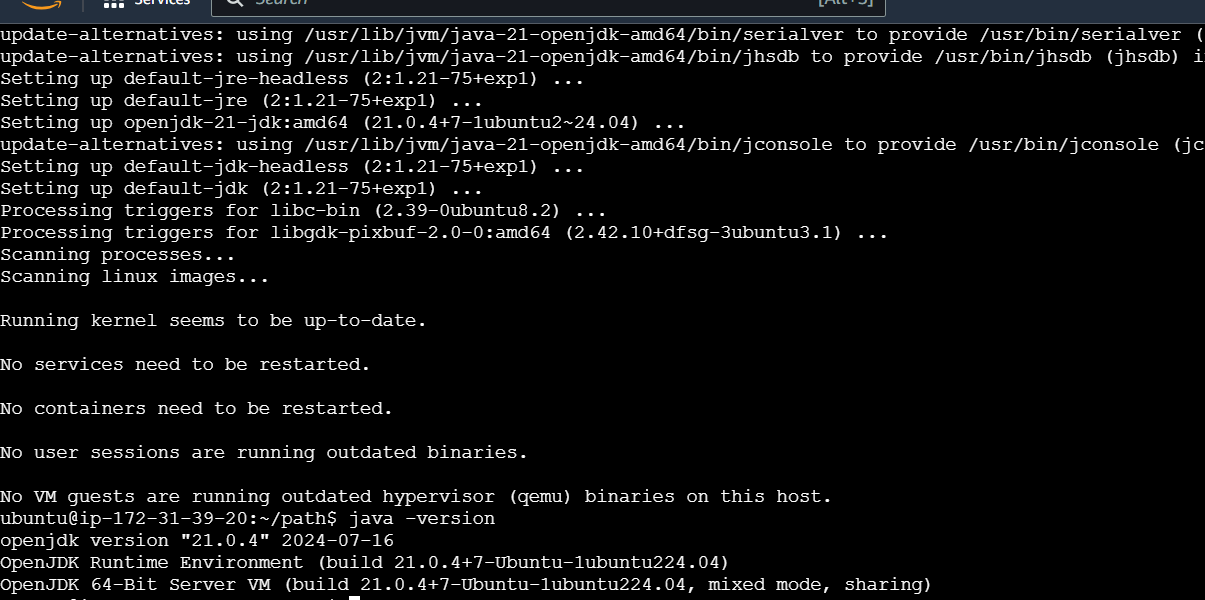
**Pushing updated code to dev branch:**



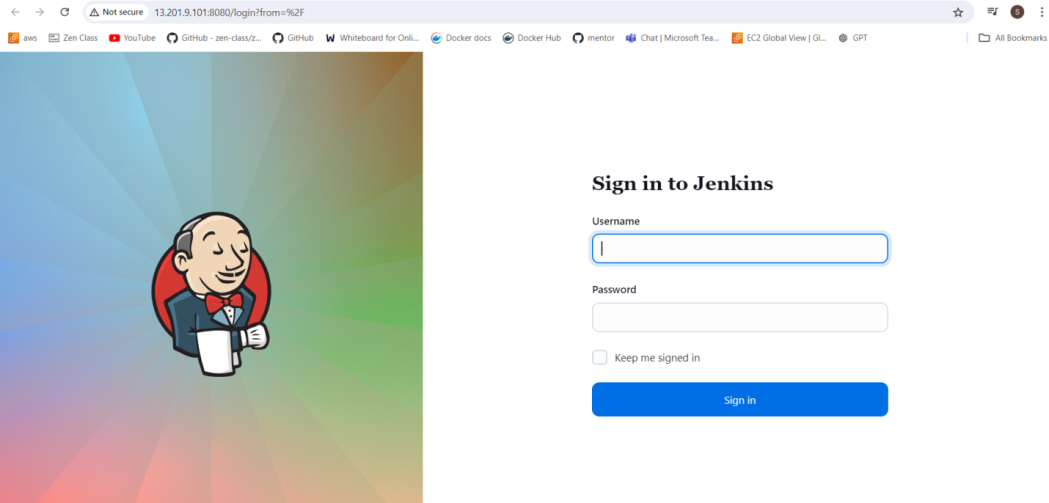


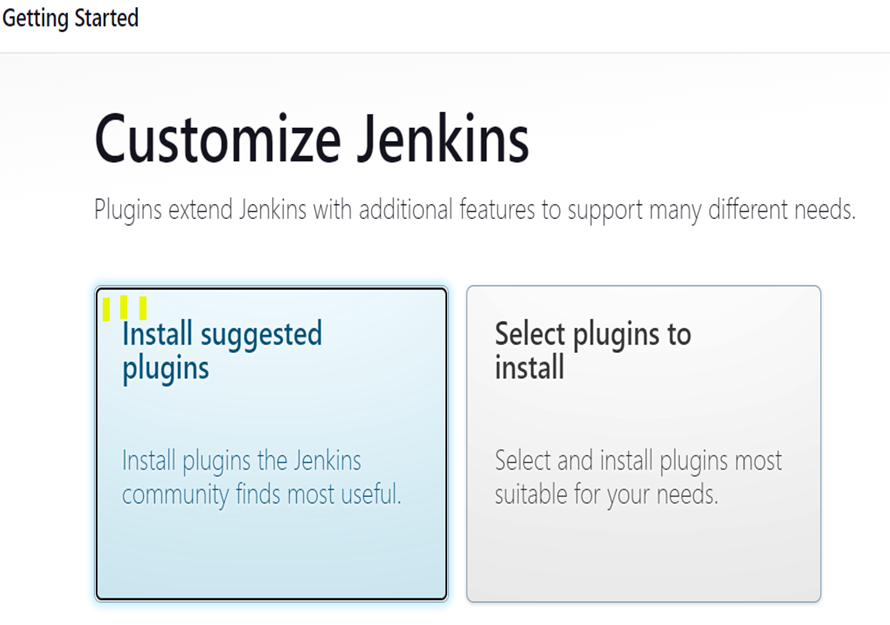
**’**

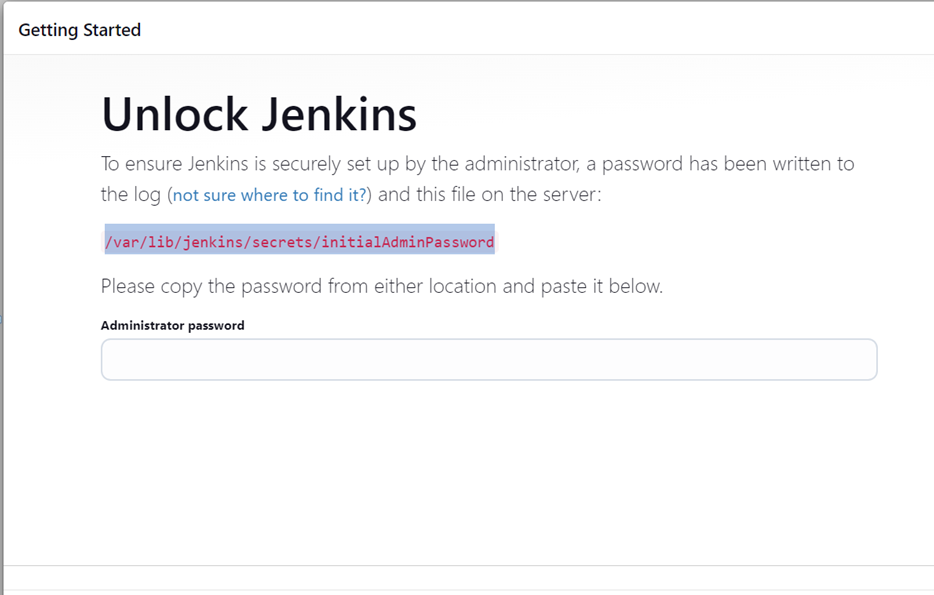
**Jenkins installation:**

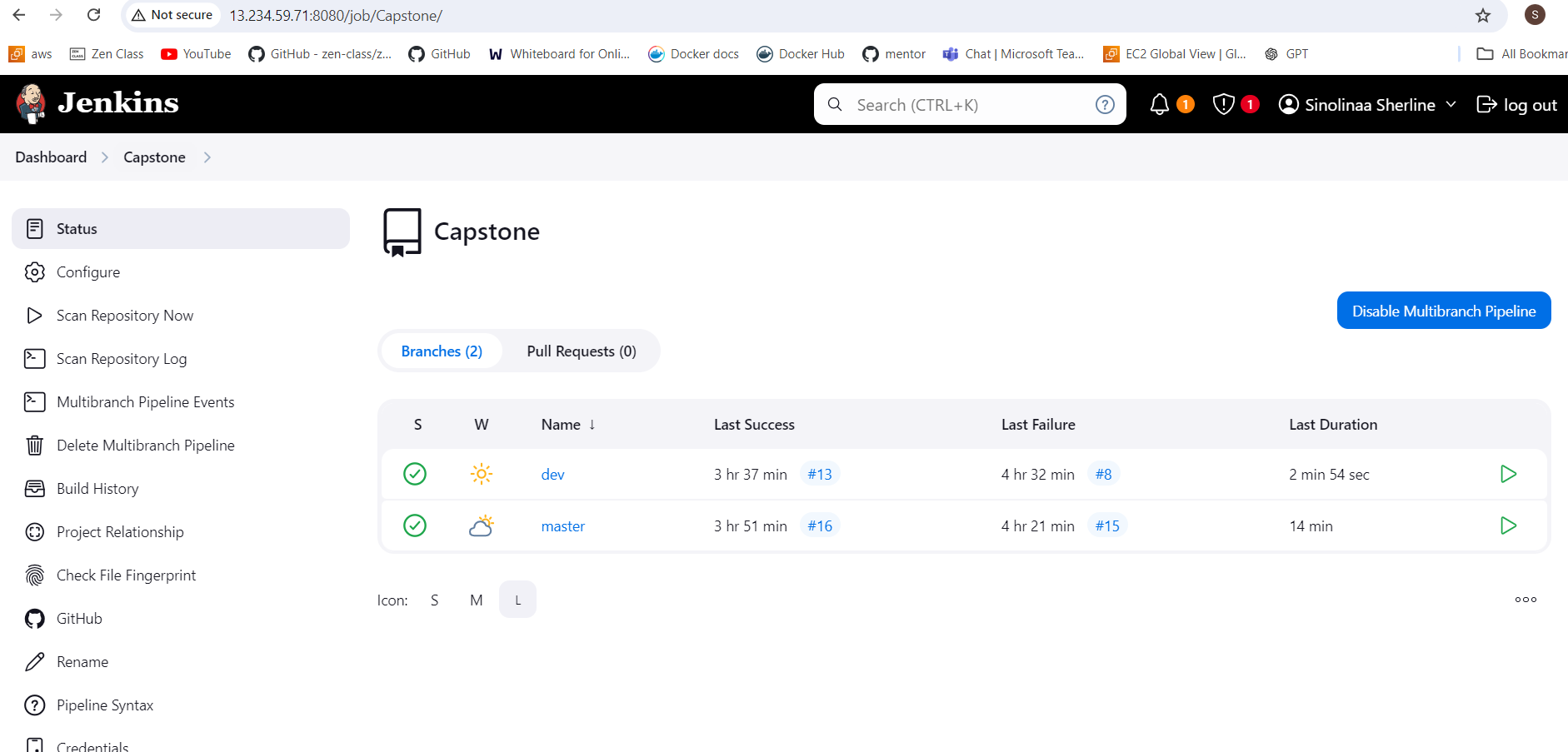


Jenkins (login page, configuration settings, execute step commands)

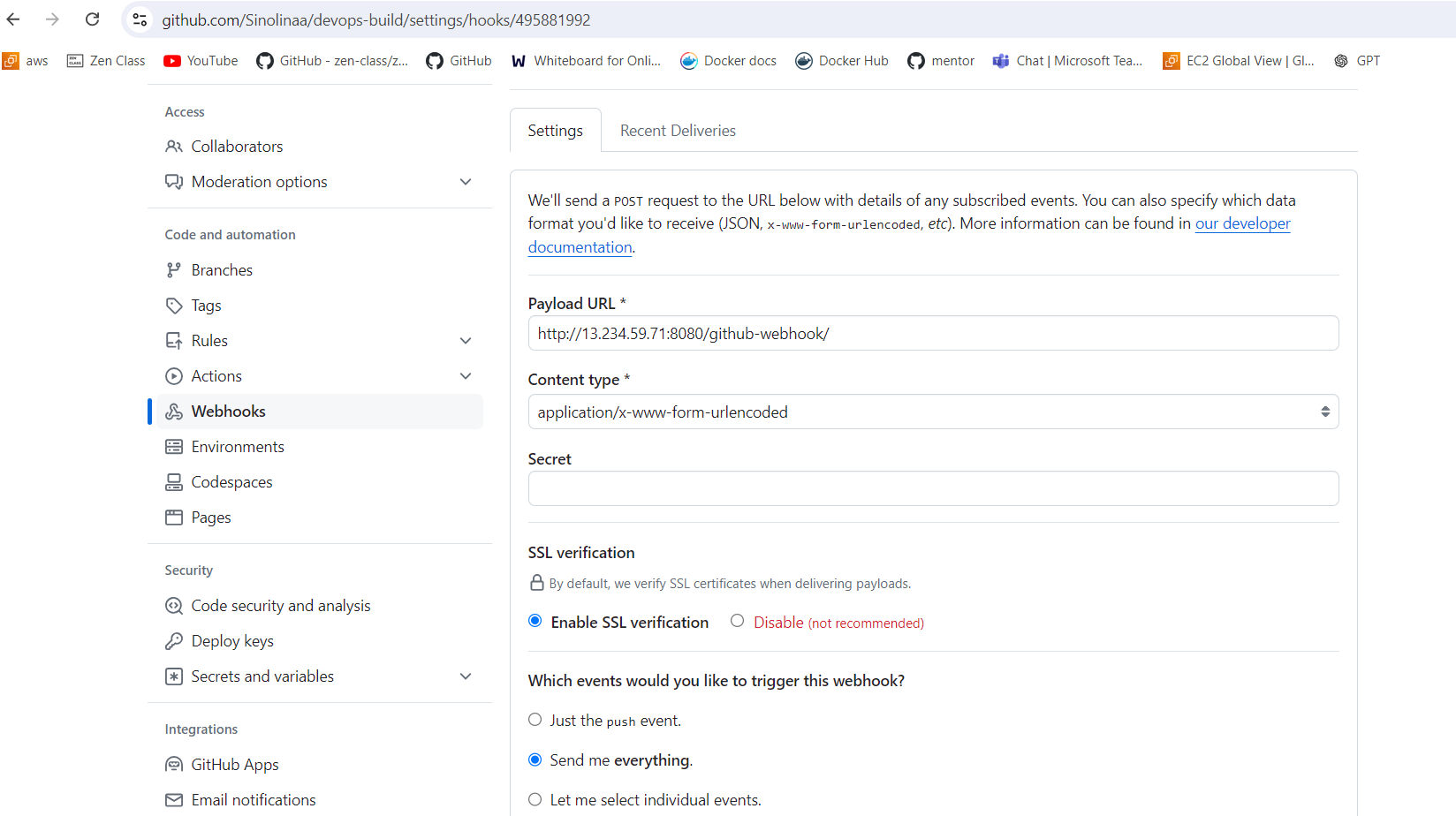
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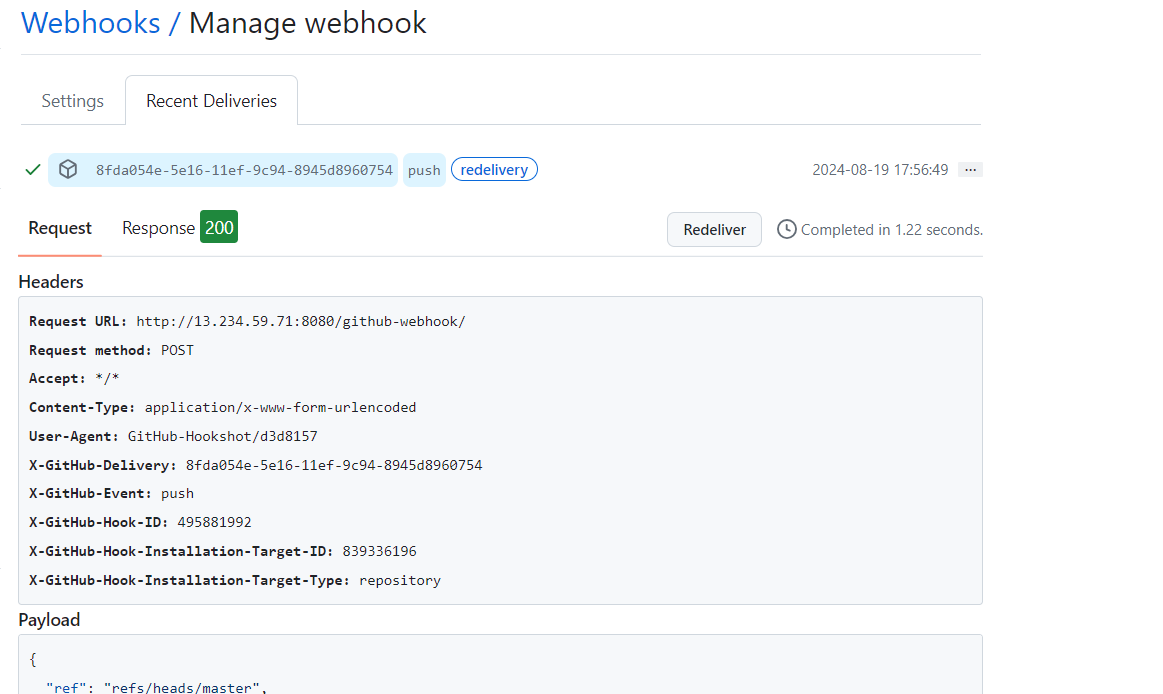
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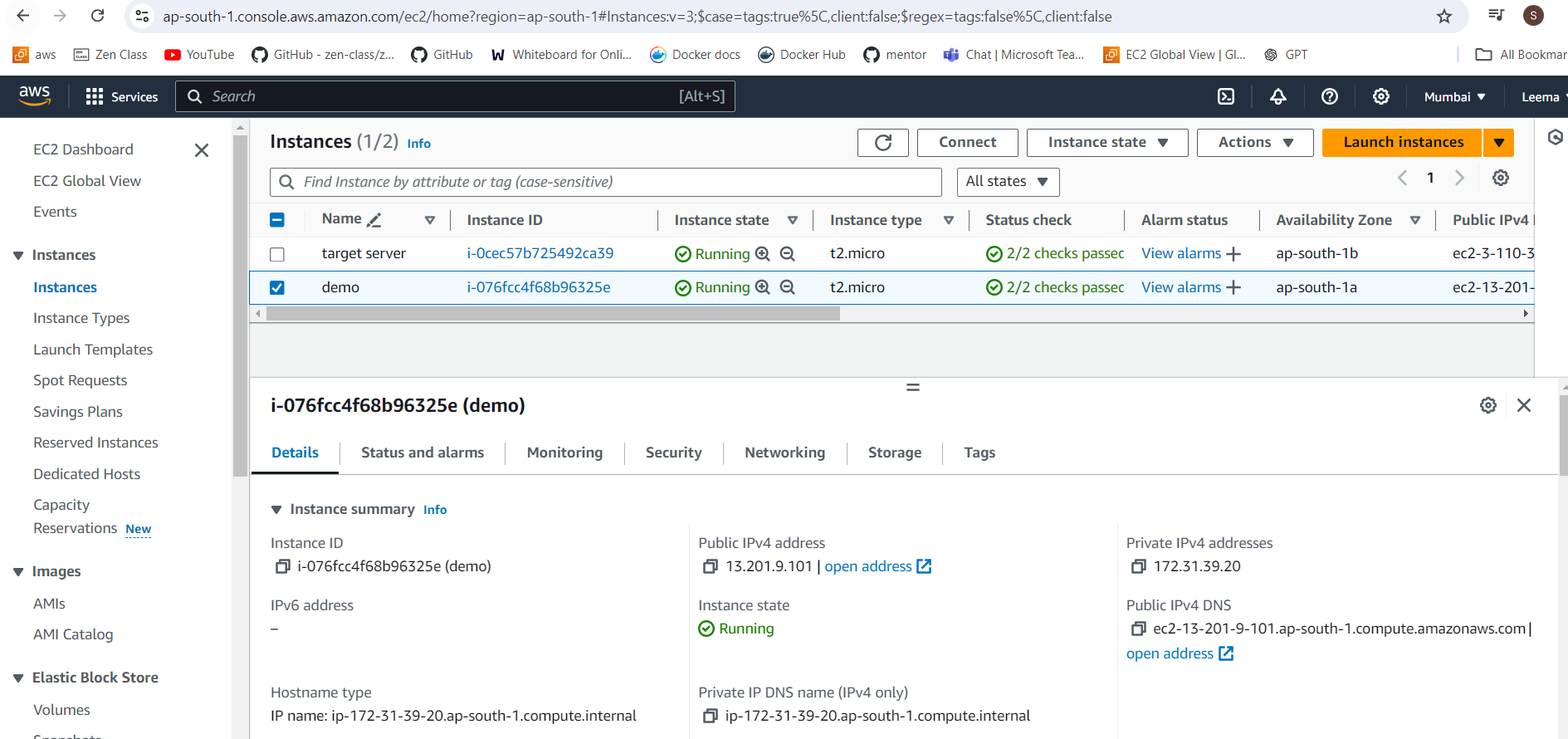


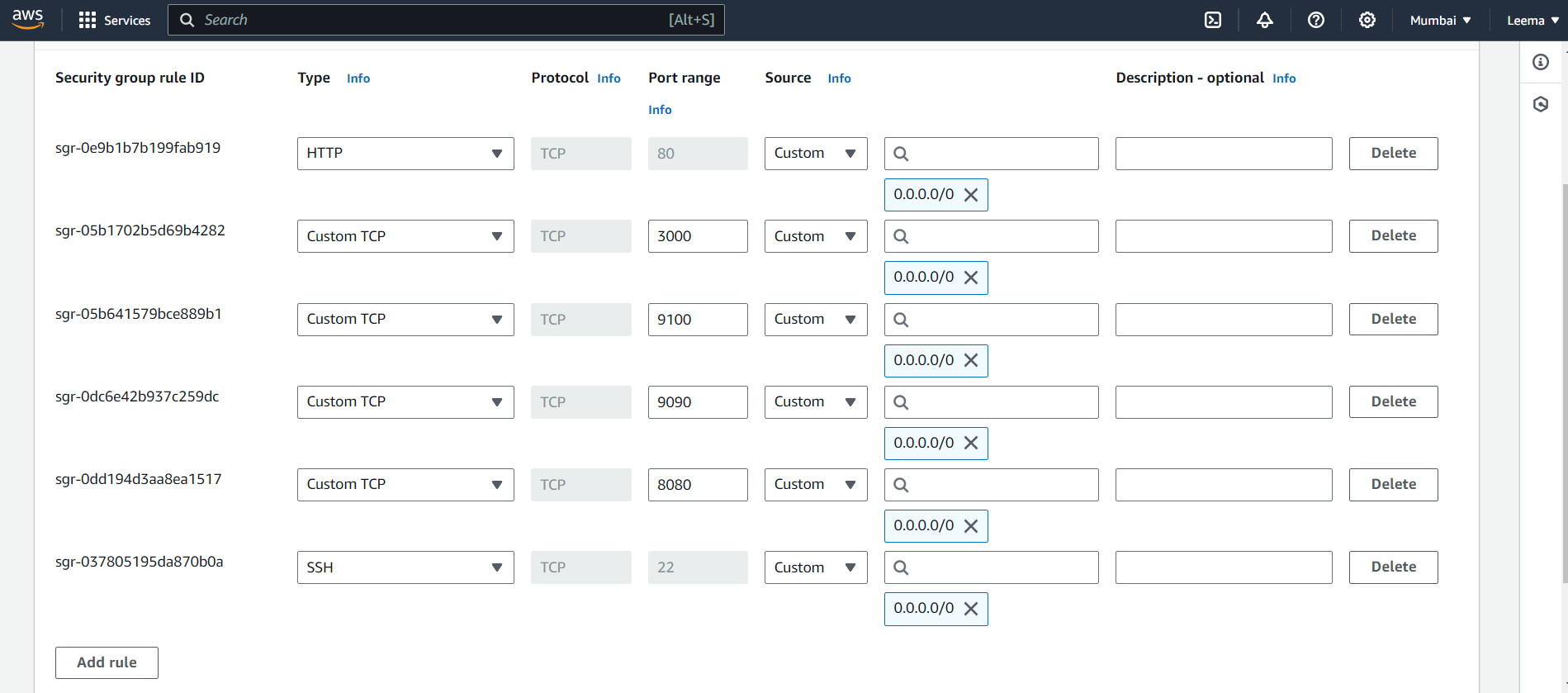
**Github webhook:**



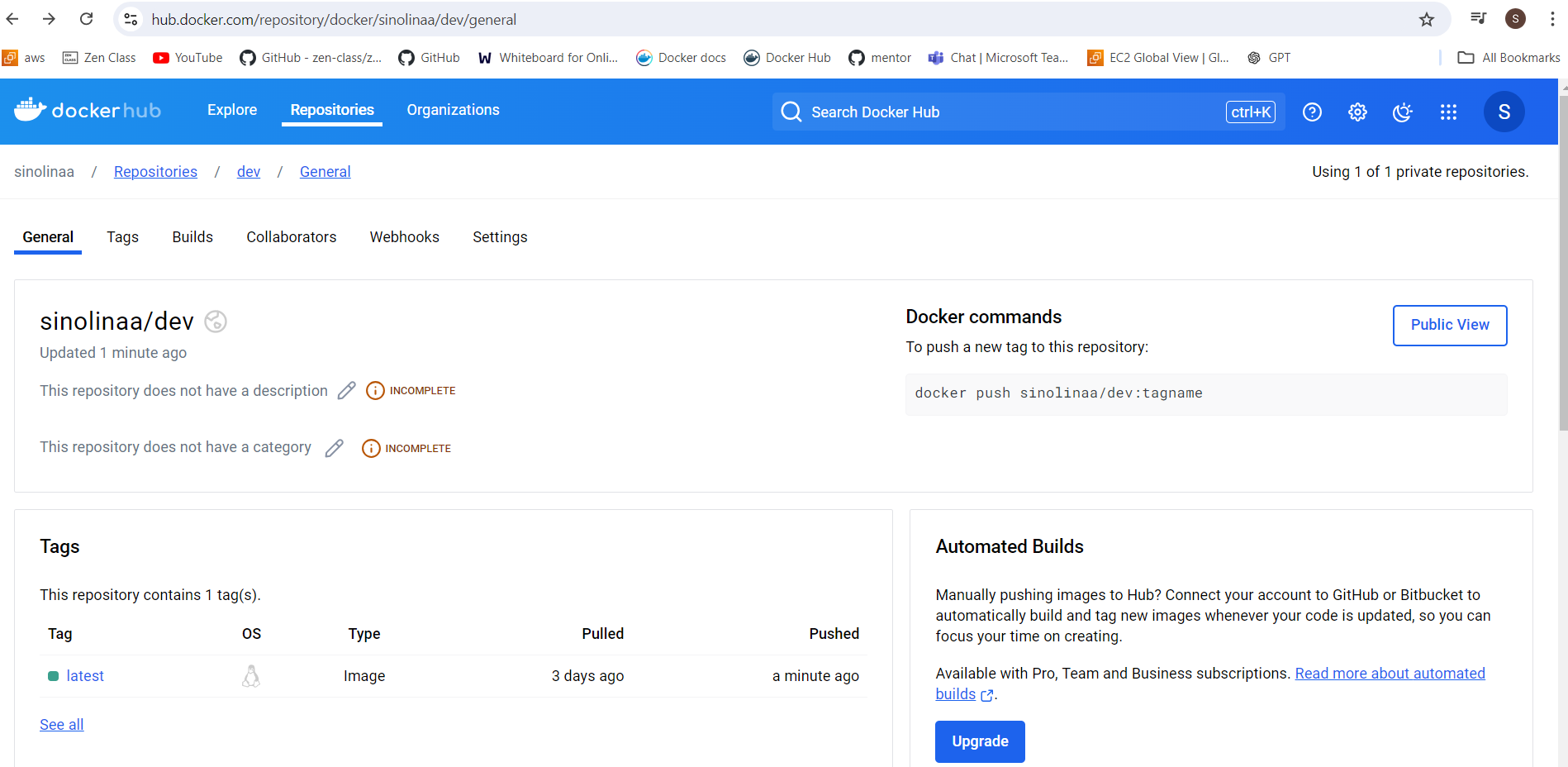


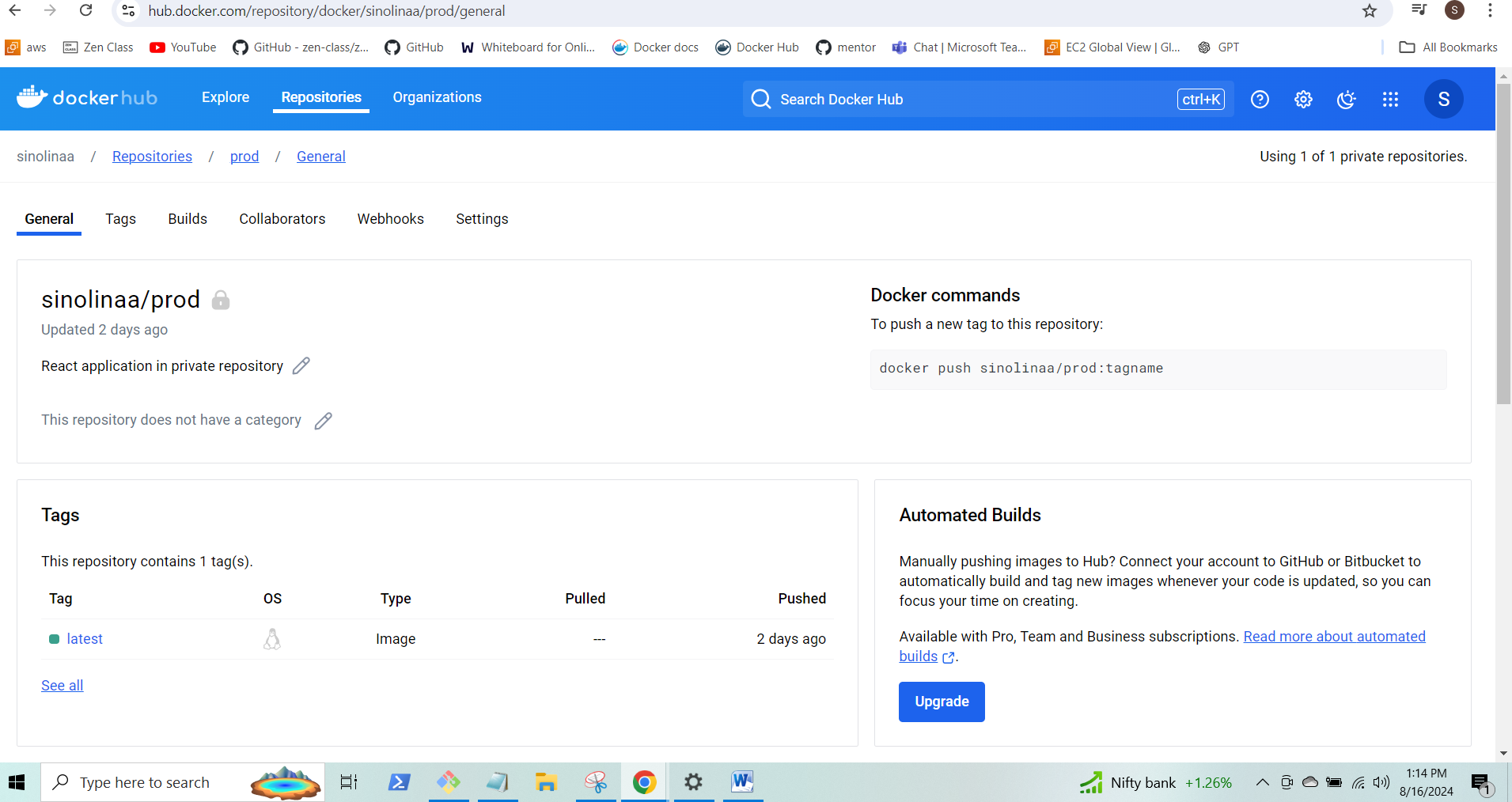
AWS (EC2-Console, SG configs)



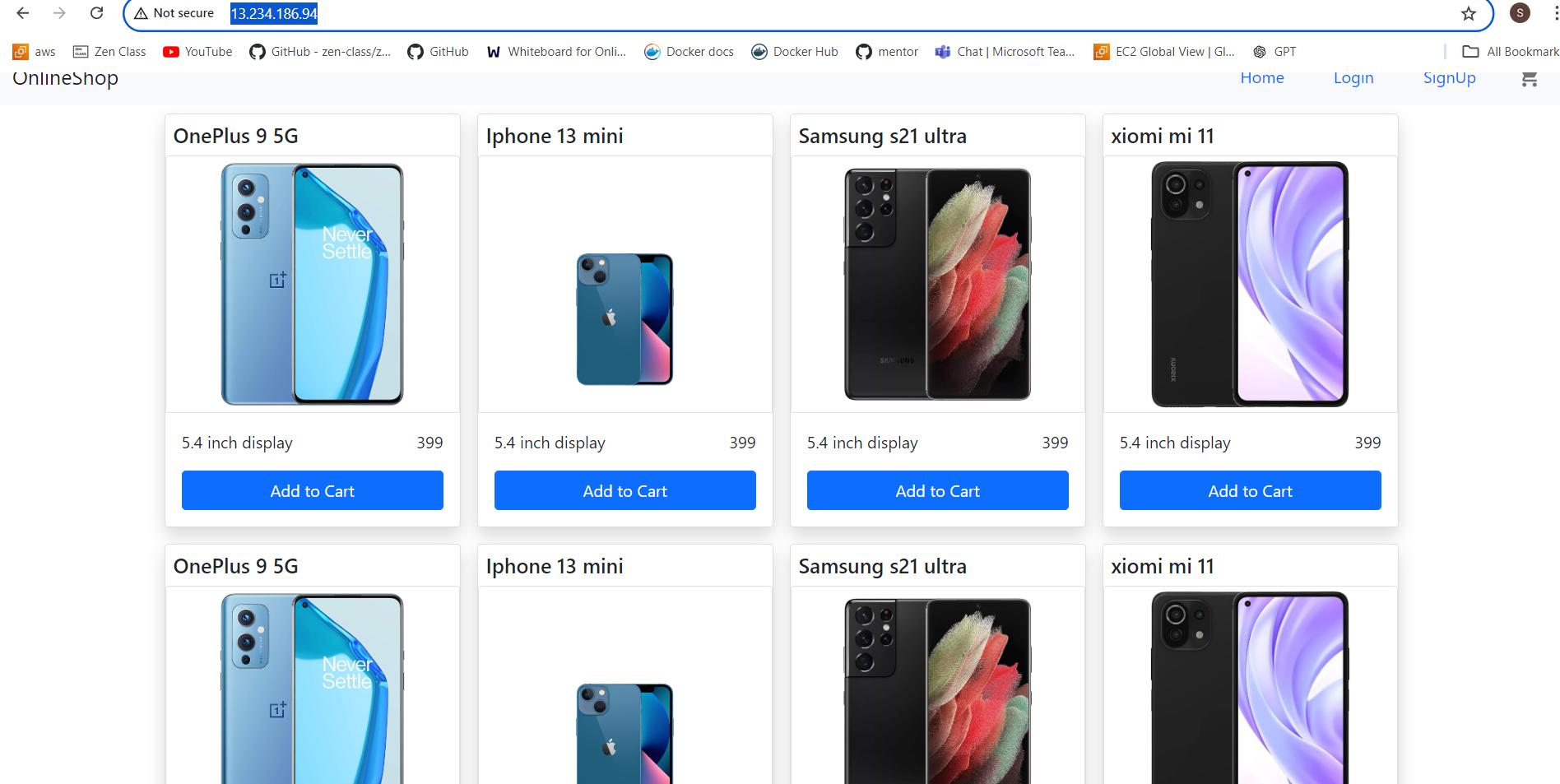


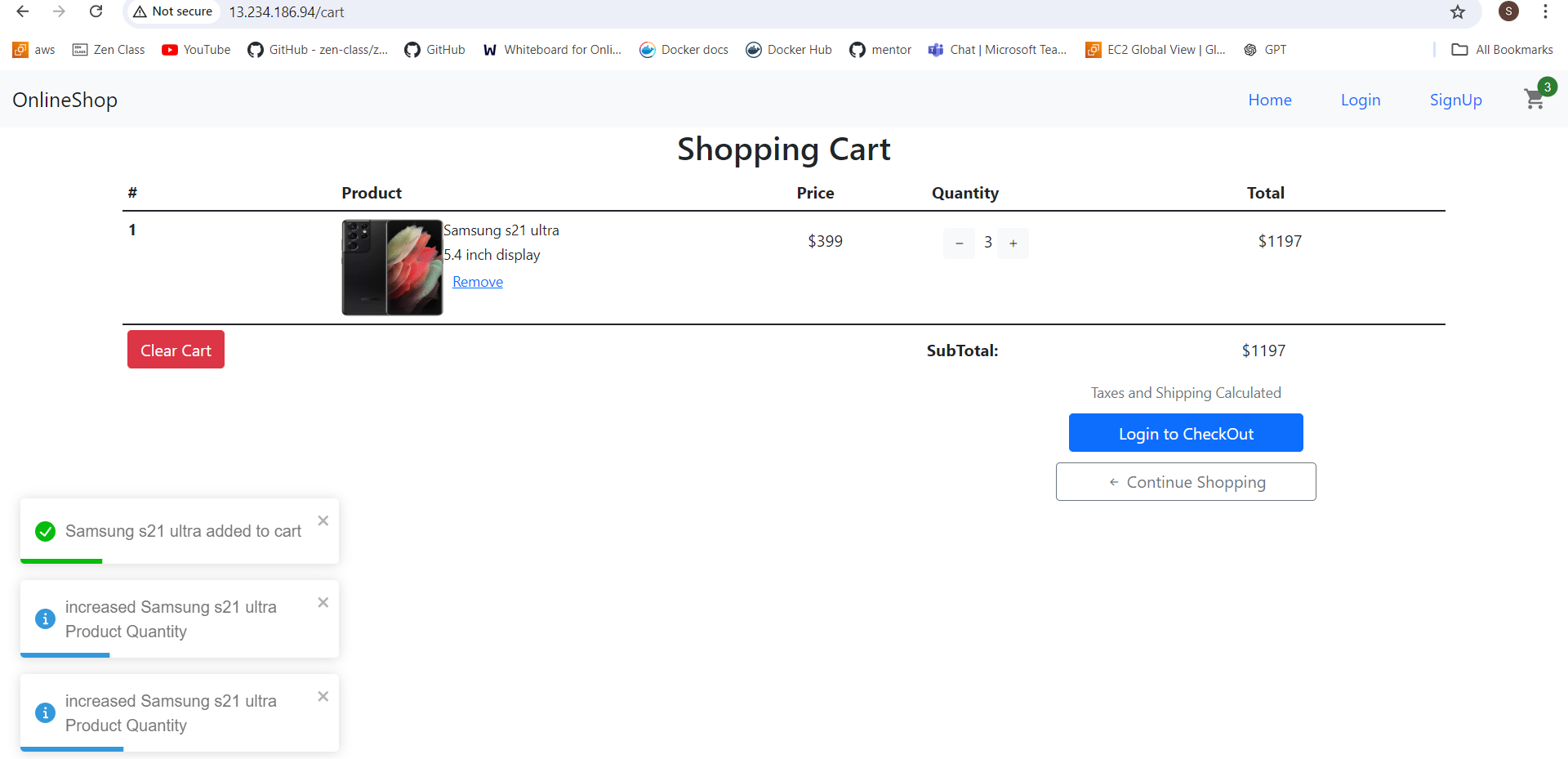
Docker hub repo with image tags

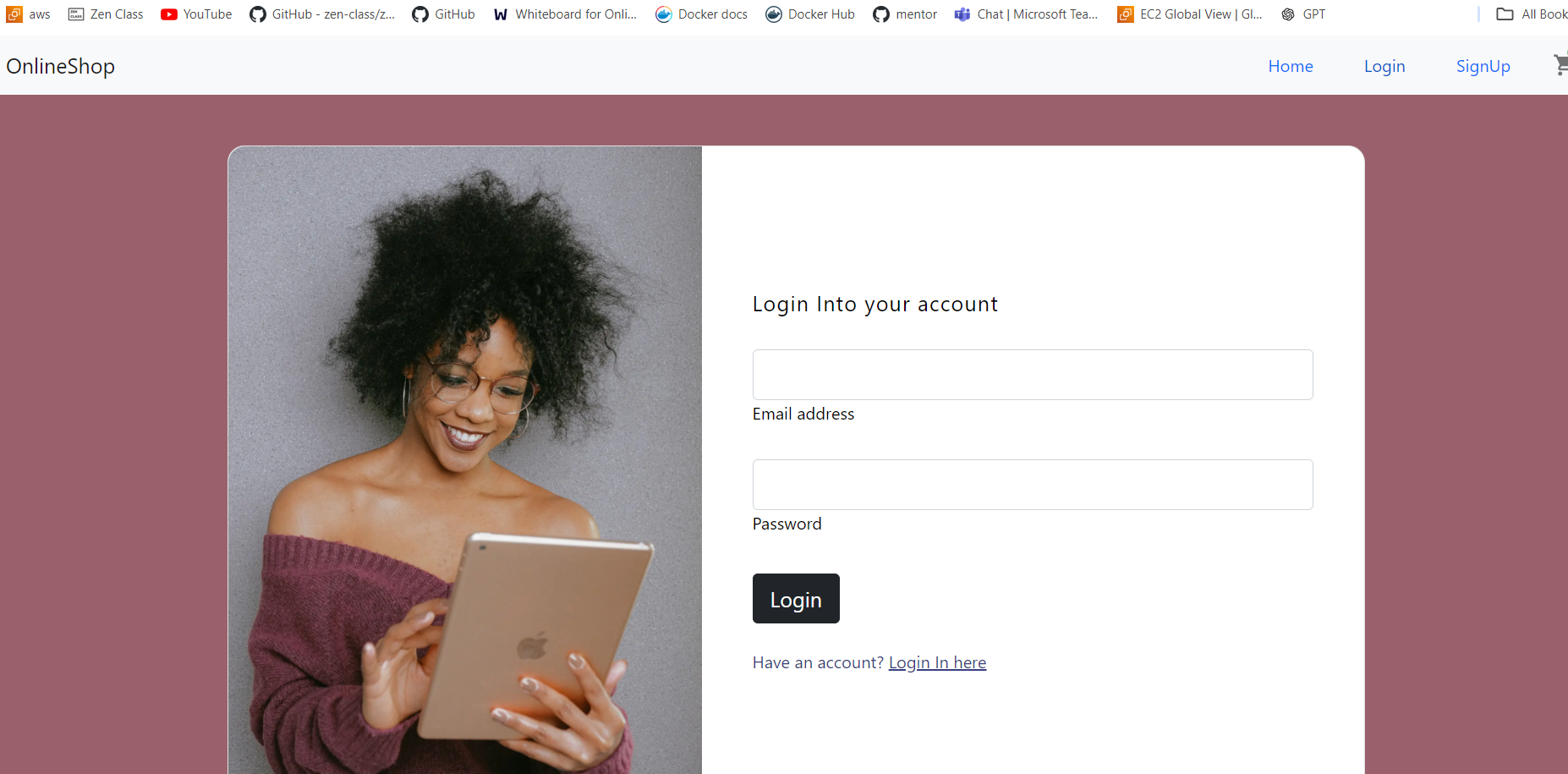




Deployed site page







Monitoring health check

