I am currently working as a devops engg. and I have close to 2 years of experience . i started my career initially as build and release enginner in which i worked for 8 months.later i was assigned the other devops tool.

The current project that i am working for is for a client called client name and this is an application related to dash.domain. I have been working for this project last 1 year.

This is an application created using java and one of my responsiblity is here is to setup cicd pipelines for which we are using jenkins .Developers simply checkin their code into the git repository and i designed the jenkins files

which download, build, and deploy the code into the testing environment our testing environment is running on tomcat9 and i have configured jenkins to automatically deploy into this tomcat server we have team of testers whos are creating automation script

using sellenium and jmeeter .I have configured jenkins to execute these automation test script and if this testing passes then i configured jenkins to deploy into the staging environment this is the regular flow of CI that we implement

we have lot of times where we need to run multiple jobs parllelly and just to ensure the performance of jenkins server does not go down i have setup additional slave machine to distribute the workload of the jenkins master .Developers

uplaod diiferent funtionality of this app on differnt branches and it is my responsisbilty to place ceperate copy of jenkins file on each of these branches so that any developers checks in code of any of these branches the corresponging jenkins files get triggered and multi branch file executed .

We are using docker continers on huge scale our entire dev environment ,testing environment ,prod environment has been dockerised ,I designed neccessory docker compose files ,For seeting up these environments as i told you earlier this is a java based application we have db running on mysql and applications servers on tomcat this entire dev-environment has been dockerised

similarly we had recent requirment where the automation testing team wanted to test this application on multiple browsers and os combination but the testing team expeacted approximately 800+ browsers and os combination on which they wanted to run the cross browser ,cross tester platform testing program but creating and infrastructure of 800 browser and os combinations

was a very big challange and initially our organisation dependnant on cloud service provider called sauce labs but as this was very expensive i did little bit of poc and checked if we can use docker and almost 70% of this environment we were able to create as docker containers though creating all customised images was challanging tsak still it has helped us in saving lot of money and time

for automation testing .I am also responsible for customised docker images using docker files and these images i preseve on docker private registry that i have setup .I had the chance of working on both dockeer swarm and kubernetis for container orchestration and i have handeled on all production related challanges on containers like load balancing,auto scaling ,perming rooling updates with zero downtime

etc.I have first knowledge on hoe to create docker stck file in docker swarm similarly i also have knowledge of kubernetis defination file and integrating these kubnts deployments using jenkins .

We have our application running on approx 2000 servers and these data center is located in N.verginia and one of core responsibilty is to remotly configure software applications on these servers for which we are ansible i designed ansible playbooks and rolls to for remote management i have created ansible playbooks for applications like tomact ,appache,dbs like mysql etc.

these ansible playbooks we scheduled for specific date and time with help of jenikns .we are also using python for automating most of the day to day activities that we perform on jenkins and docker .