Mern Mini Project with Devops

Assets:

Frontend Github link: https://github.com/Balraj1425/frontenddevop

Backend Github link: <https://github.com/Balraj1425/backenddevops>

Steps to Deploy:

1. Create Docker files for both front end and backend
2. Create docker image using:

docker build . -t balraj1425/firstapp

1. Pushing the image to Docker reporistory :

Create Image:

docker tag balraj1425/firstapp:latest samplenodeprj:nodev1

Login to Docker hub:

Docker login -u balraj1425

Push the code

docker push balraj1425/minimernfrontend:latest

1. Pull the images from docker

Command for Backend:

docker pull prshetty05/backend-nodejs:v1

Command for front end:

docker pull balraj1425/minimernfrontend

1. Run the docker images:

Backend:

docker run -p 3001:3001 -d prshetty05/backend-nodejs:v1

Frontend:

docker run -p 80:3000 -d balraj1425/minimernfrontend

1. Configure the Jenkins

Install recommended plugins from Jenkins : localhost:8080

Manage Plugins 🡪 Available Plugins







