## Live DevOps Project for Resume - Jenkins CICD with GitHub Integration (Notes)

1. Create AWS EC2 instance
2. sudo apt update
3. 3 sudo apt install openjdk-11-jre
4. 4 java -version
5. 5 curl -fsSL https://pkg.jenkins.io/debian/jenkins.io.key | sudo tee \ /usr/share/keyrings/jenkins-keyring.asc > /dev/null
6. 6 echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \ https://pkg.jenkins.io/debian binary/ | sudo tee \ /etc/apt/sources.list.d/jenkins.list > /dev/null
7. 7 sudo apt-get update
8. 8 sudo apt-get install jenkins
9. 9 sudo systemctl enable jenkins
10. 10 sudo systemctl start jenkins
11. 11 sudo systemctl status jenkins
12. 12 sudo cat /var/lib/jenkins/secrets/initialAdminPassword
13. 13 history
14. sudo apt install docker.io
15. FROM node:12.2.0-alpine
16. WORKDIR app
17. COPY . .
18. RUN npm install
19. EXPOSE 8000
20. CMD ["node","app.js"]
21. docker build . -t node-app
22. sudo usermod -a -G docker $USER
23. docker run -d --name node-todo-app -p 8000:8000 todo-node-app
24. Got to jenkins job
25. Execute shell
26. docker build . -t node-app-todo
27. docker run -d --name node-app-container -p 8000:8000 node-app-todo