DevOps Engineer

1. Linux
2. Git -- version control
3. Maven -- Maven is **a build automation tool, test**
4. Jenkins – CICD
5. Ansible – Scripting
6. Prometheus – event monitoring and alerting
7. Kubernates and Docker
8. Jenkins demo

* Start Jenkins systemctl
* Enable Jenkins sudo systemctl
* Enter password
* Start docker
* Enter password
* Jenkin dashboard always ask username and password
* Create 3 job by ‘New Item’ option , 1 – build project, 2—test project, 3—deploy the project choose as free style project
* Select all job one by one and open ‘Configure’ then ‘Source Code Management’ select ‘Git’ mention url repositories of ur Github account
* tAgain go to all job and go to ‘Build’ and select ‘Execute Shell’
* Mention directory of web code, install all dependency to compile project
* After that again go to job1 go ‘Configure’ then go to ‘Post-build Actions’ choose ‘Build other Project’ mention name of job2

To automate all job one after another

* Then create pipeline enter view name by ‘+’ sign in dashboard
* Then select ‘Build Pipeline View’ check initial job
* Then ‘Run’ project
* Yellow – running , Blue – are/is in sequence and Green --- successful