Focus on the hands on part

Skip the slides

Instead:-

Talk about the theory part and Summarize the stuff in a notepad(google drive sheet)

Draw the architecture on draw.io

Go straight away to handson

Devops Definition:-

**Top Level VP,CXO :--** Culture change where in teams collaborate with each other especially dev and ops

**Middle Layer management:-** faster deployments , quick iterations on requirements

**Ground Level DevOps Engineer:-**

**A:- System Admins:**- Learning to code and automate stuff--Devops

**B:- Developer:-** Easy deployment of code to environments and easy revert--Devops

C:- **Testers**:- Automated execution of selenium, cobertura, PMD, jUnit tests in jenkins

Devops:-

Knows how the application works

Architects the design of deployments

Sets up a CI/CD

Automated stuff

Make life easy for everyone

Skills:-

Linux

Shell scripting

Nagios

Jenkins

Chef

Puppet

Ansible

Python Scripting

Docker/Kubernetes/Mesos/DCOS

AWS-EC2, VPC, RDS, S3,OpsWorks, CloudFormation,ECS, Cloudwatch, ELB, Autoscaling

Networking Basics, IPv4 ,DNS , Bind

ITIL Certification

Google Cloud Basics

Soft Skills

Resume Building

Linkedin Profile

Indeed account

AWS Certifications

RHCE--Red Hat Certified Engineer

Linkedin All star Profile

Class agenda

VM Setup

Gitlab

Jenkins

Git Client

Jenkins Build and test automation

Puppet modules in detials

Docker

Nagios

Integration of all stuff

Install Virtualbox

Download the fresh vm from google drive

And then import that Fresh VM to create a new server

Go inside that server and try to get the networking running(Important)