

DEVOPS VS CLOUD VS SRE VS PLATFORM

AGENDA

- ✓ ① Definition of roles
↳ Examples from work
- ✓ ② Role of AI (New age devops)
- ③ Roadmap to learn
- ④ Payscale

Q&A AT THE END

DEVOPS

Deploy, Build, Test

Machines compatible

Devops
Example

DB upgrade

Docker config

CLOUD

Devops +

→ Cloud optimisation

→ solutioning

Devops

+

Example

- Solution notification service

SRE

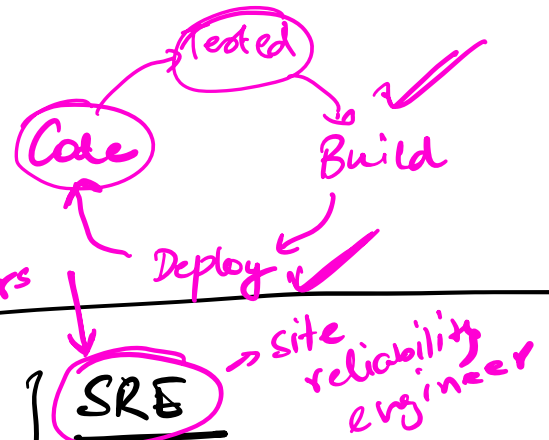
- Reliability & latency

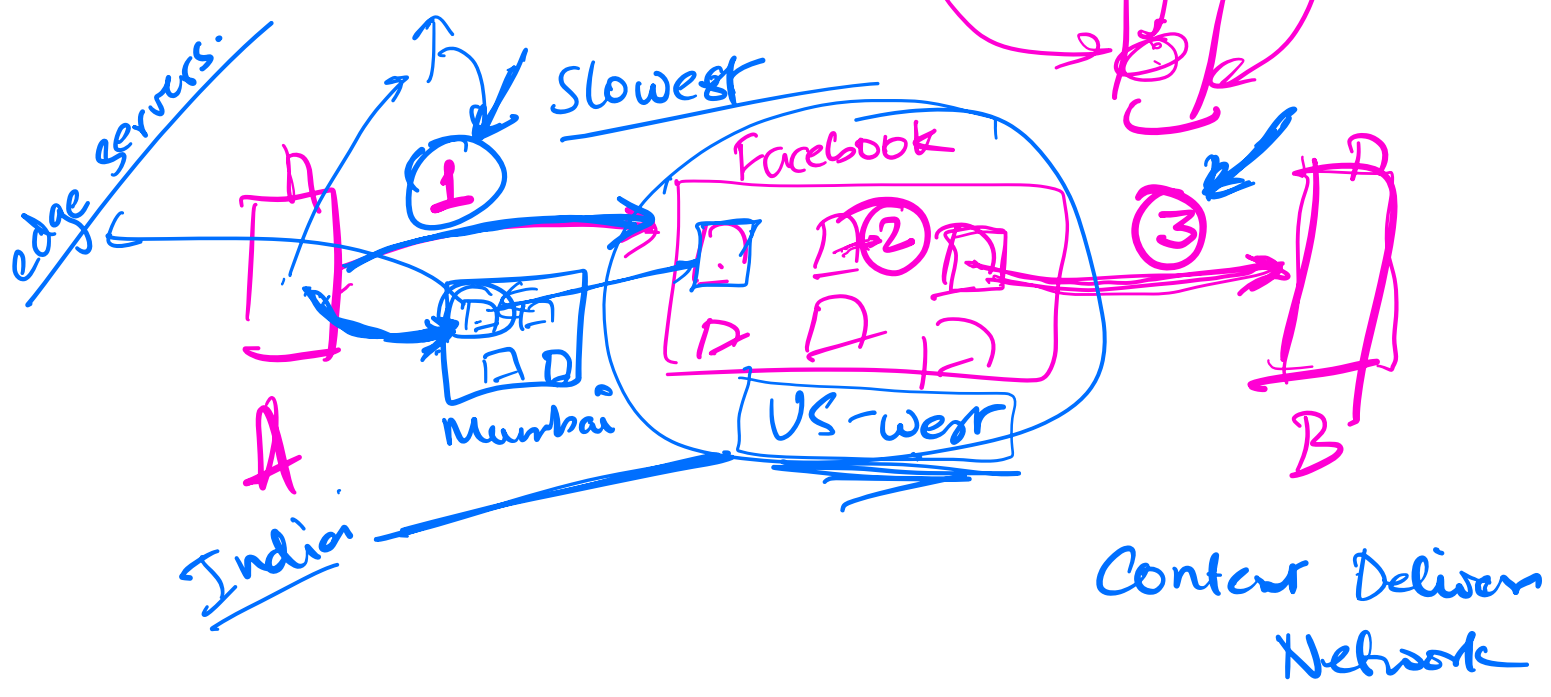
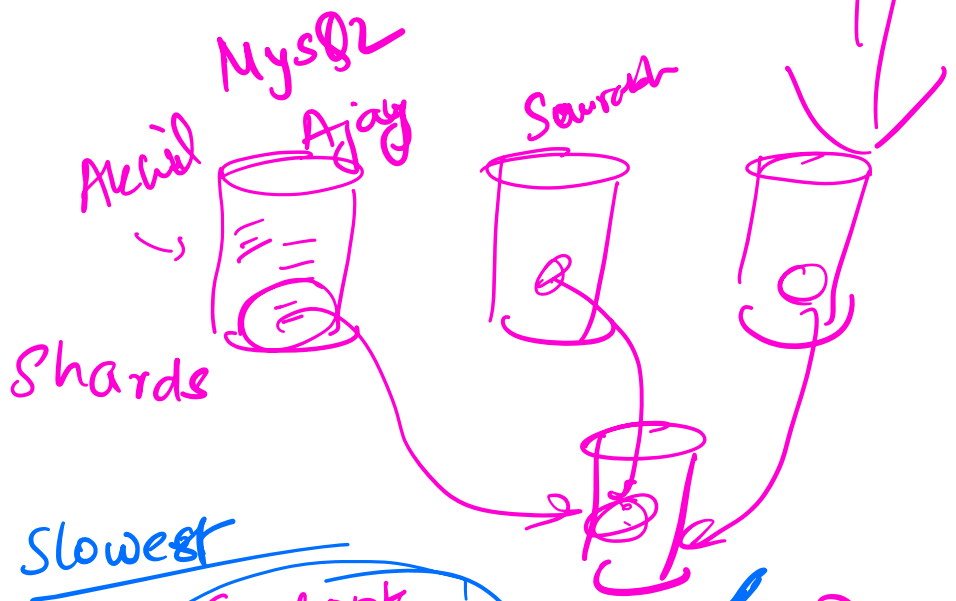
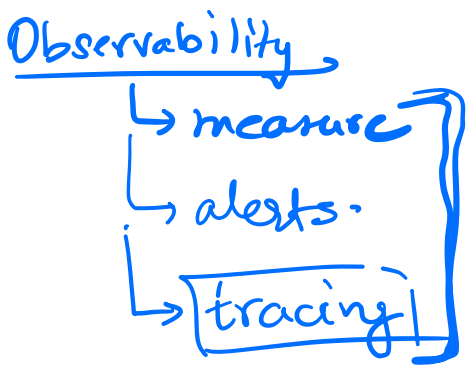
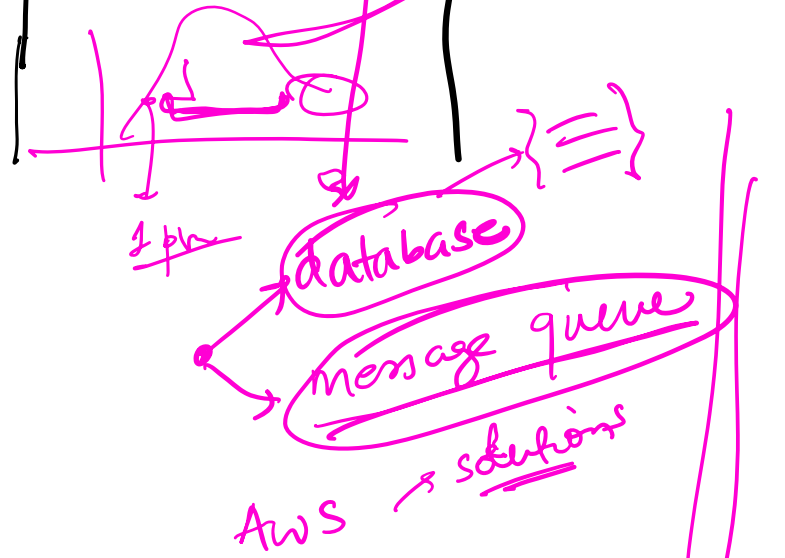
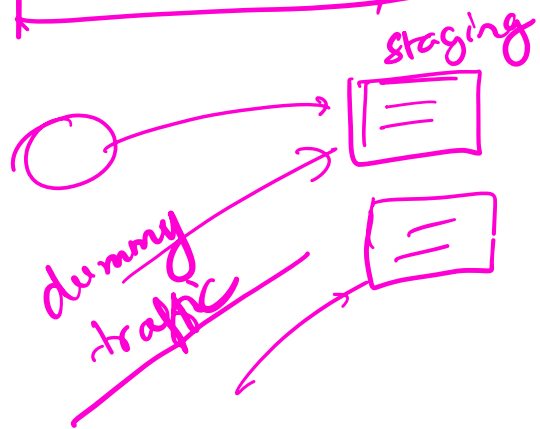
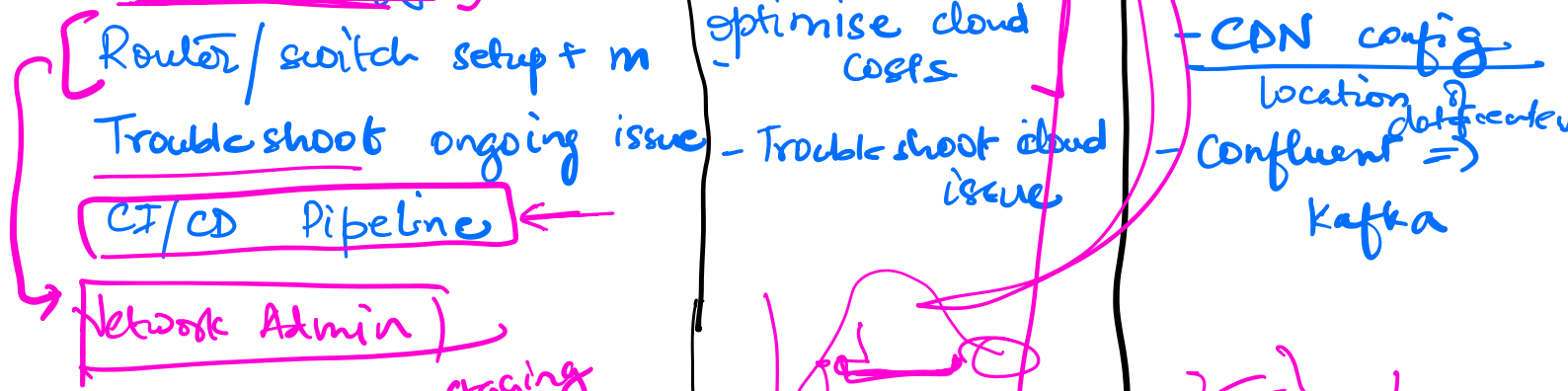
- system design (infra)

- Observability

Example

- create new shards





Role of AI



Devops

AI System

ML

- ↳ understanding of basic data engineering.
- ↳ systems for AI
 - ↳ network protocol
 - ↳ running jobs.

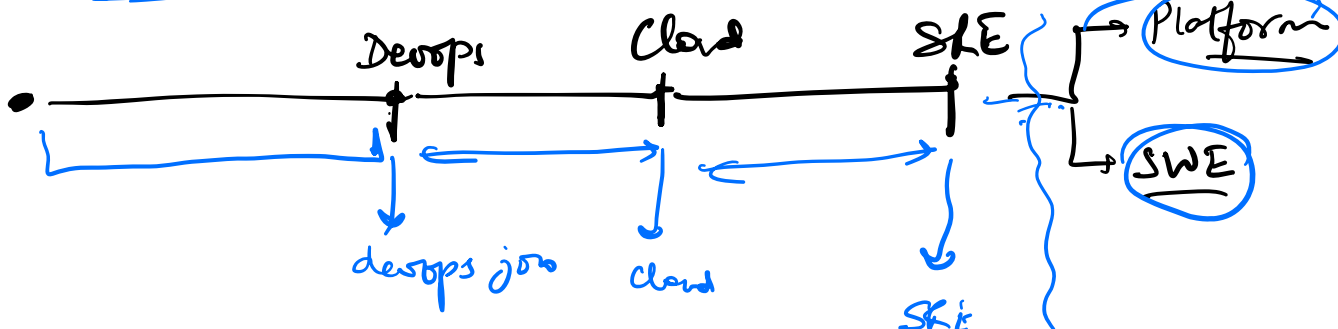
AI for productivity in Devops

Roadmap

Resume in 5 mins

Skills

Showcase skills.



step 1

Scripting

Python

GoLang

Bash

Interpreter

Codecademy.com

Hackerrank
Codechef

Scaler Topics

Easy & Basic DSA

codehelp
apnacollege

Scaler Topics

list/array
dict/hashmap
queue & stack

apply

Interview Bits
LeetCode

Linux Internals

OS → analysing me
on process / CPU

Computer Network

SSH

linux commands
cron job

Kodekloud

Devops Tools

Git

Docker

Kubernetes

CI/CD Pipelines

Jenkins

Ansible / chef / Puppet

Terraform

Observability

ELK

Datadog

Splunk

newrelic

AWS Cloudwatch

Can I learn
how tools quickly?

Senior
Pager duty

Some Devops roles

Cloud

AWS

Azure

Google Cloud
IBM Cloud
cloud

Identity and Access management

managed services

Deployment

IAM / VPC

solutioning

virtual Private Network

case studies

DevOps & Cloud Roles

System Design

infra

important

DSA

optional

SRE Roles

Development

UP

Projects

SWE

Showcase skills

How to learn

Active

vs

passive

learning

①

②

completion rates

peer group

Calendar

Sunday

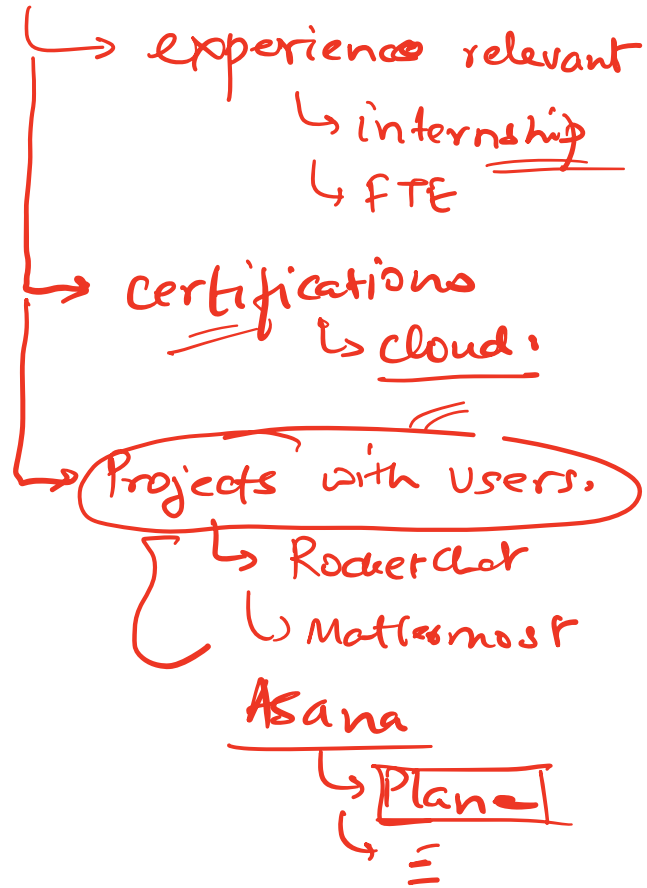
M - S

↳ exercises & websites

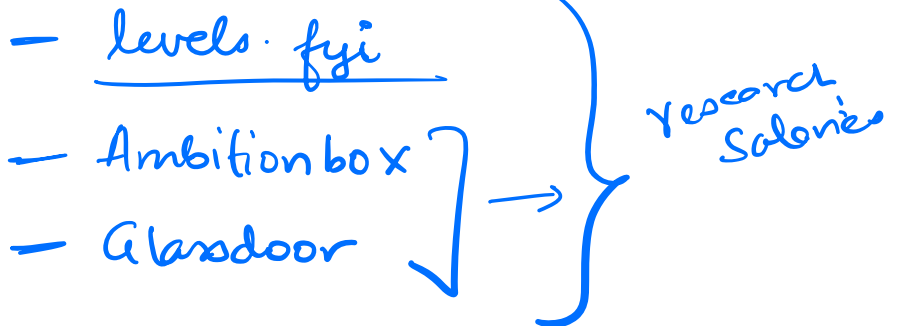
- mentor → elder sibling.

Showcase skills

external proofs



Salaries



Devops

Platform engineer

Probst
Thrift

Cloud → 20-25%
higher

Devops

2-10L entry level



25-30L

cloud
SRE
Management.

SRE

6-30L salary.



~1cr