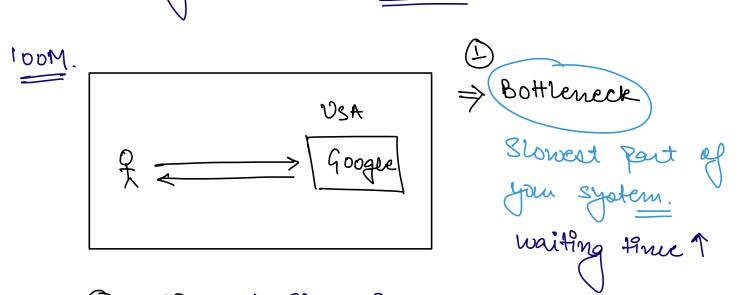
Agenda	
> Monolituic (2) Microservices	
→ What are API'S	
-> REST	
-> Blateful (3) Stateless API'S	Elomnière.
> Muc architecture	
→ Jogin 4 Signup API's	
7 How payment infrastructure	mosks
-> Implementing Payments API.	

=> Outrone:

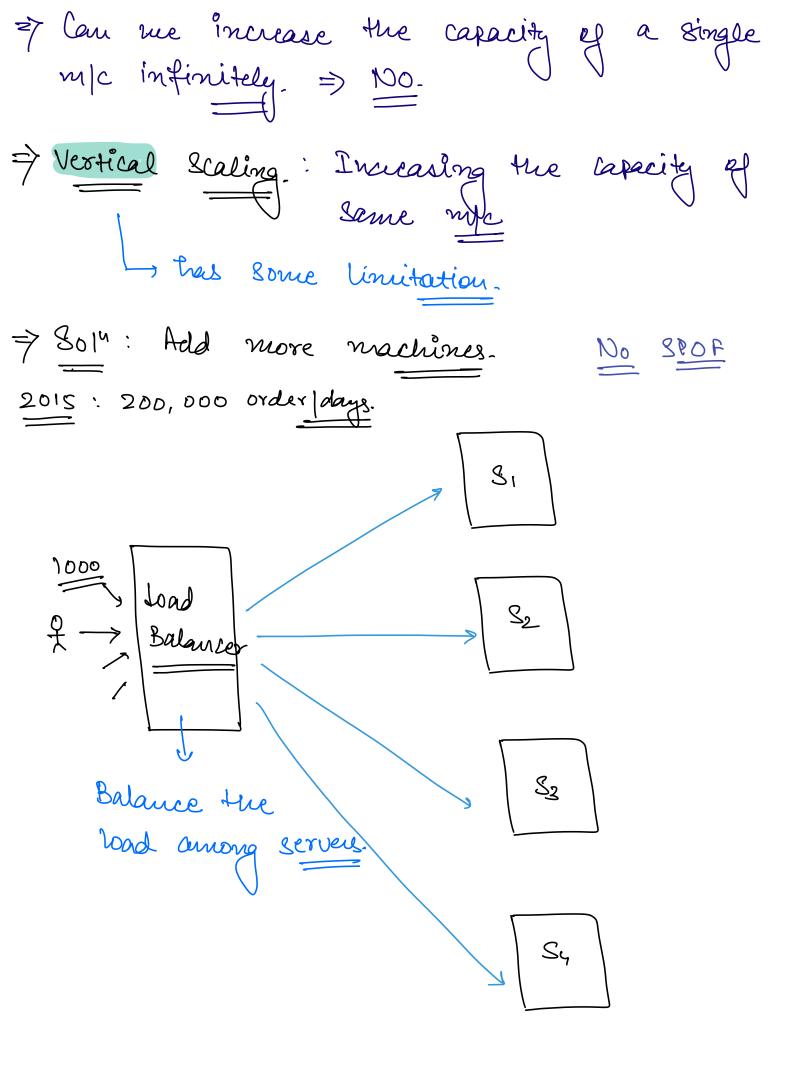
Microservices based mosking project in your resume with lot ep advanced concepts.



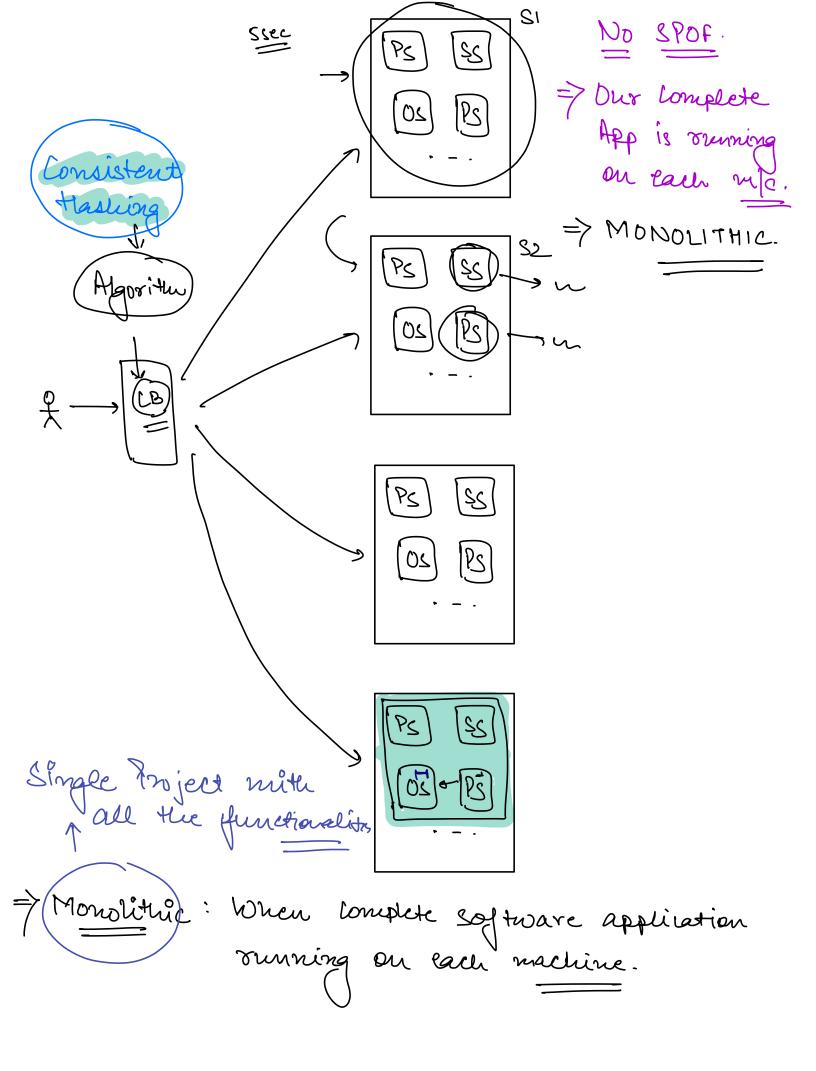
② Stope ? Single ? sind et failure.

⇒ It this mic foes then complete x7 mill go down.

Fliphast (2008). (10-20 orders day)
Sachin >> 1 server to serve the traffic.
Server. Server. 848 PAM. 460res.
2010> 1000 orders/dag
=> Encrease the Capacity of m/c.
Server. 1648 16 Lores.
2012. [2000 orders day
32GB 32Cores



Horizontal ?: => Keep en a infra as	dding more & more required.	m/c	to the
→ Fliphart F → Produce → User Se → Seauce → Orde → Payr → Cave	dervice en ice hervice		
	Search Product Service Service Order Service Service		Monolituc.

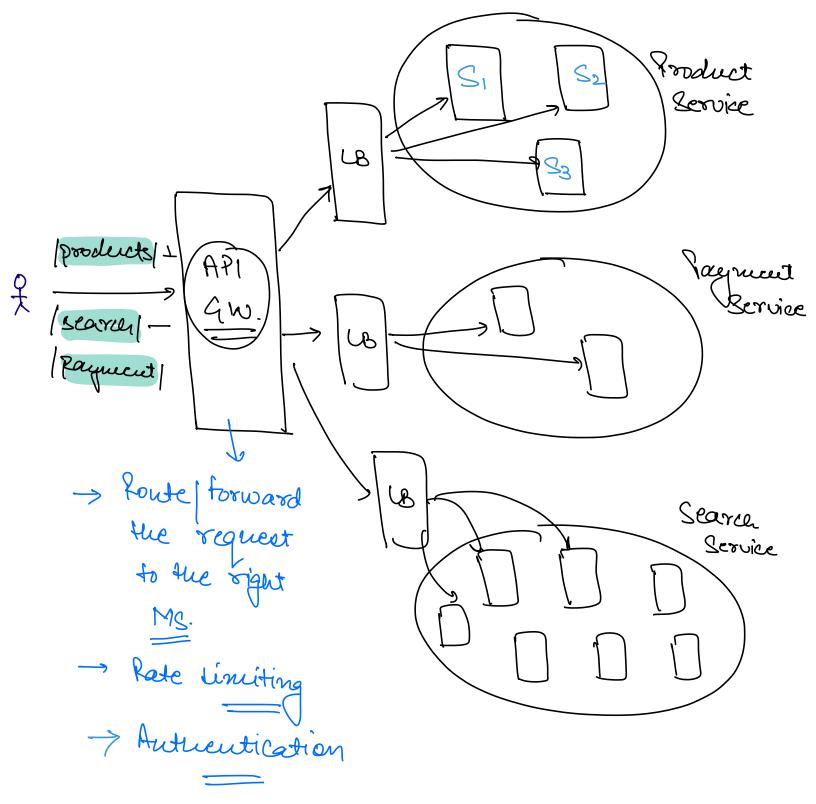


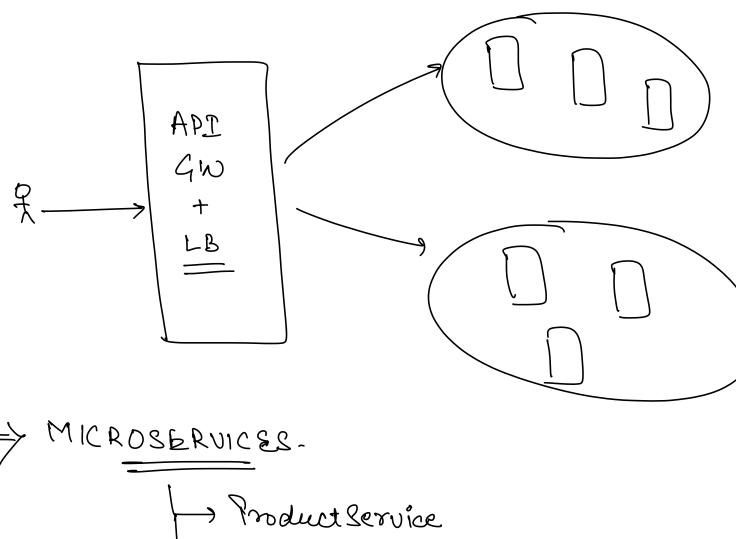
Cons et Monolithic Payment Service => 2 m/c	١.
Ordenservice => zm/c	\ \
Cons et Monolithic Tayment Service => 2 m/c Order Service => 2 m/c Seaven Service => 1 om/c	
2) No tech stack glexibility	
3) high teployment time	
4) A small bug can make the entire Apph down	<u></u>
7808.	
1) Single Peployment.	
2) No n/w call, low lateury.	
MICROSERVICE.	
Each service is an individual Project	
> Induct Service -> serviers.	
→ Order Service → 3 3 servers.	
-> laymentservice -> 2 servers.	

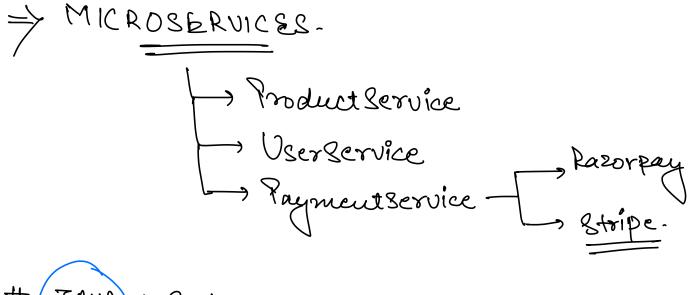
Microservice: When the Sow system is broken door into individual services. & each service runs individually.

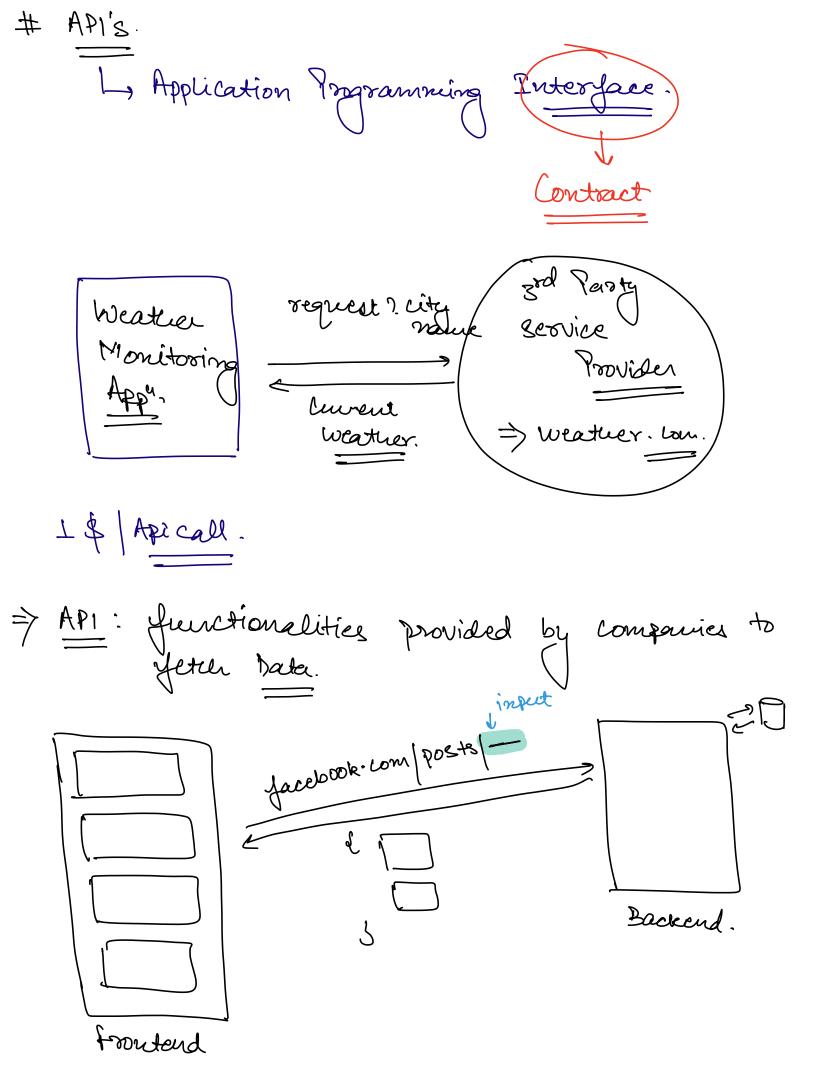
Payment Order service

> SAP: Single Responsibility Principle
Microservices: Each service should have a
8 mgle responsibility.









=> flipkart. Lom seach -
fliphait com Products
flippart com orders
Endpoints.
API: Set et Methods URL's chapoients functional
API: Set et Methods ORL's enapoients functionals provided by the application in order to interact mith the data.
get/update/create/delete) > CRUD lead
> Functionality
BE (Jedfooducts) Structure [gedfooducts] Did: Puce: vame: desc:
3

JSON Object

```
{"id":1,
"title":" Fits 15 Laptops",
"price":109.95,
"description":"Your perfect pack for everyday use and walks in the forest.
}
```

12:15 PM.