Agenda
<del>-0</del>
Operational
· Whatsapplink
· Github student developer pack
Curriculum
· Gopectations
· D'er Setup
$m{\mathcal{T}}$
Tearning  Intro to Backend  Trypes of Version Control Systems (VCS)  Types of Version Control Systems
· Intro to Backend
· Intro to Version Control Systems (VCS)
· Types of Version Control Systems
$O_I = O$
Abhishek Ghash
SSE-2 at Oracle -> 7.5 YOF
-> DEShew
-> Microsoft
-> EA Sports
-> Cognizant
Github Student Developer Pack - I year free
acces to
· Intellij Idea Ultimate · Github Co-pilot · Azure Credits worth \$200
· Github Co-bilot
· Azure Credit worth \$200

· 3 Domain names + free hosting

## Curriculum

- Into to backend kVCS
- Git basics
- Intro to Spring & Springboot
  API'S
- · Integrate 3rd party APIs
  · DBs and ORMs
- Unit Testing
- Deployment to AWS
- Authentication
- Pagination
- · Searching & sorting
- > Service Discovery > Grateway -> LB · Spring Cloud
  - Logging
  - · Káfka · Ro dis

## Expectations

- De Resume worthy project

  2) Follow kest practises for development

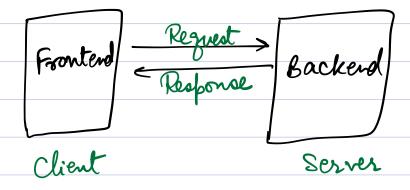
  3) Do not expect spoon feeding

  4) Tearn to Groogle

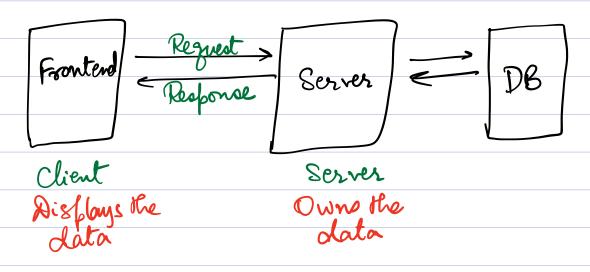
Der Setup (1) Intellij Idea Ultimate (2) Java, Git – Java 17,21 (3) Postman

(4) Github account

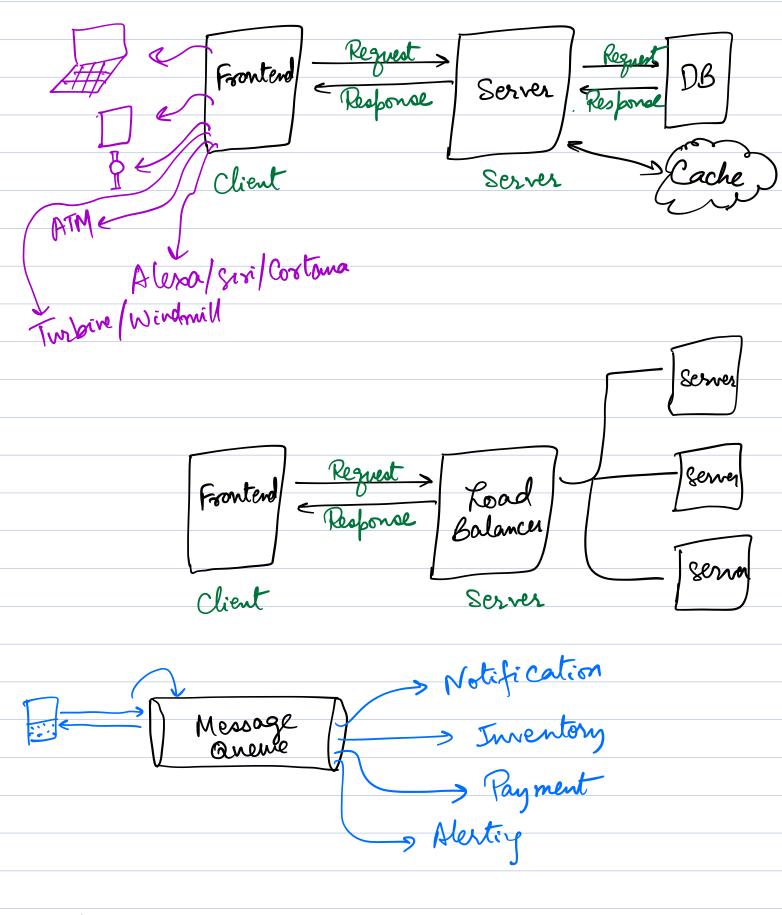
## Intro to backend



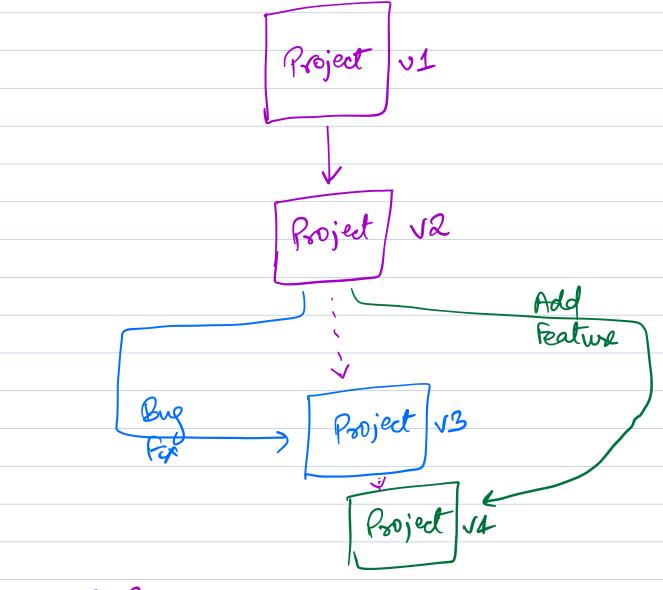
· Client Server architecture · Regnert Response architecture



· 3 tier architecture



Intro to Version Control System

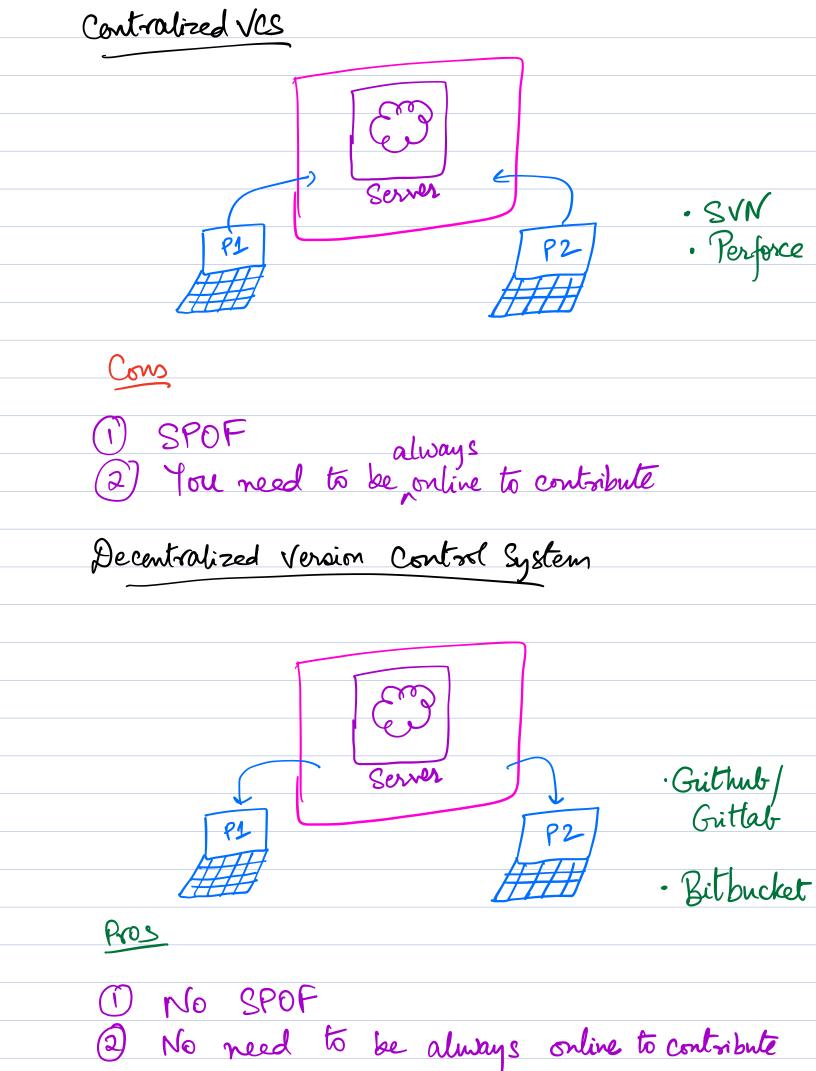


Why VCs?

- 1) Facilitates Simultaneous working of developers 2) Rollback in case code breaks in production 3) Maintain version history

Types of VCS

(1) Centralized version control system
(2) Distributed version control system



1 Vulnerability - Data leak chances one more 2 More merze conflicts

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