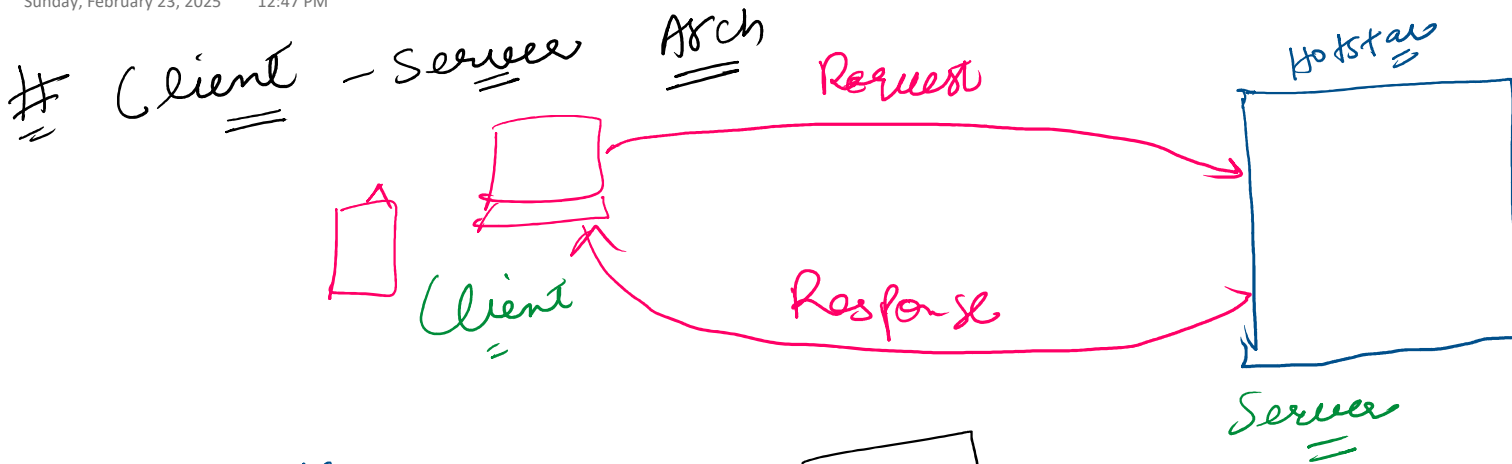


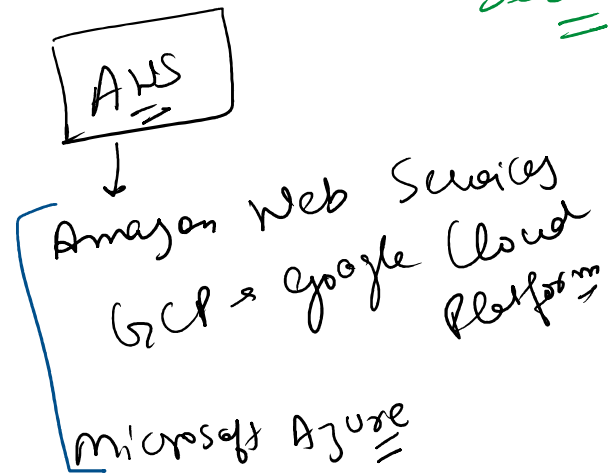
# Intro to Backend Development

Sunday, February 23, 2025 12:47 PM

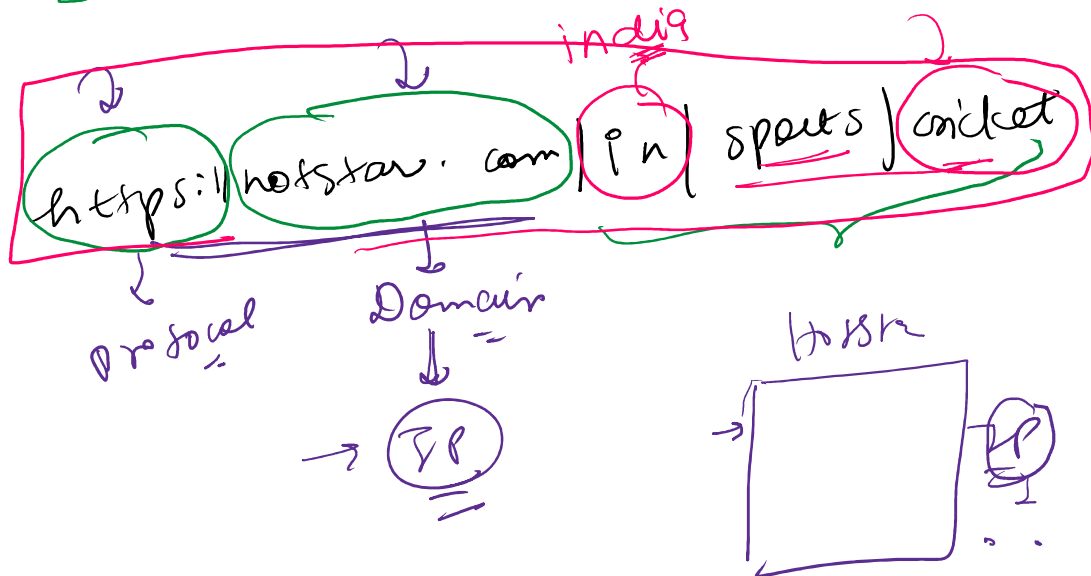


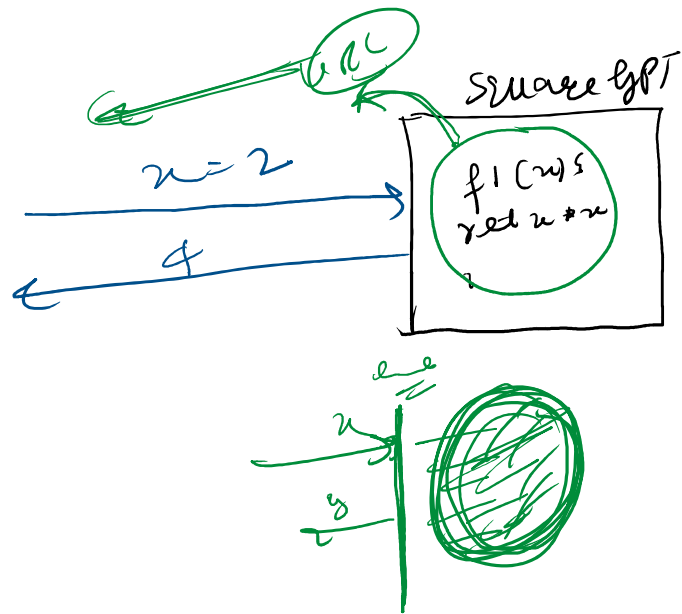
Cloud vs  
On Prem

[Interface]

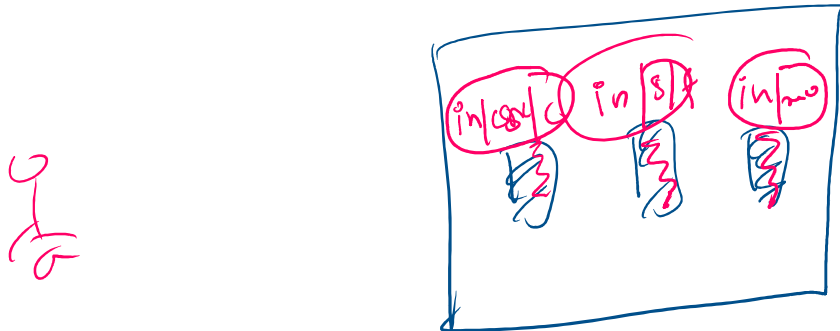


→ APIs } Application Programming Interface

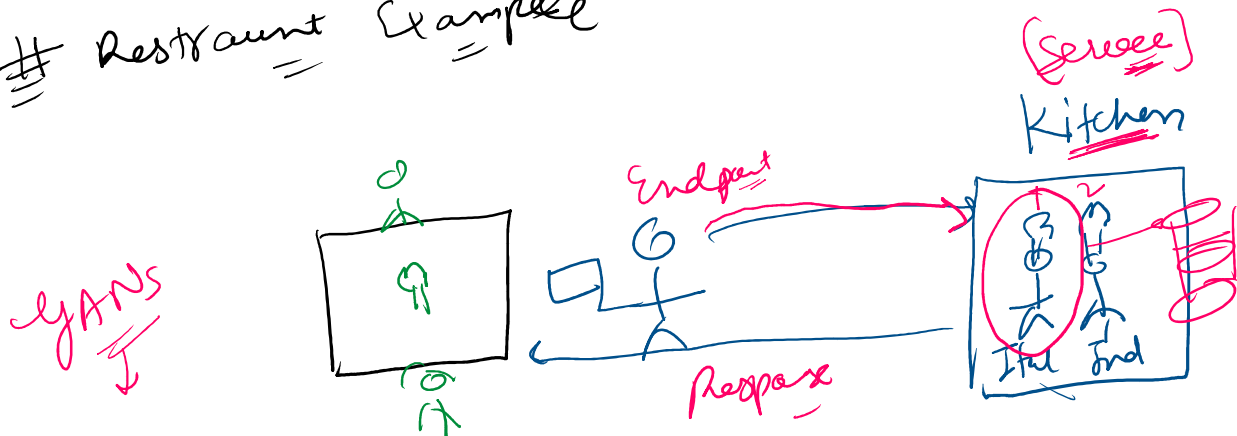




[API = code + Endpoint]

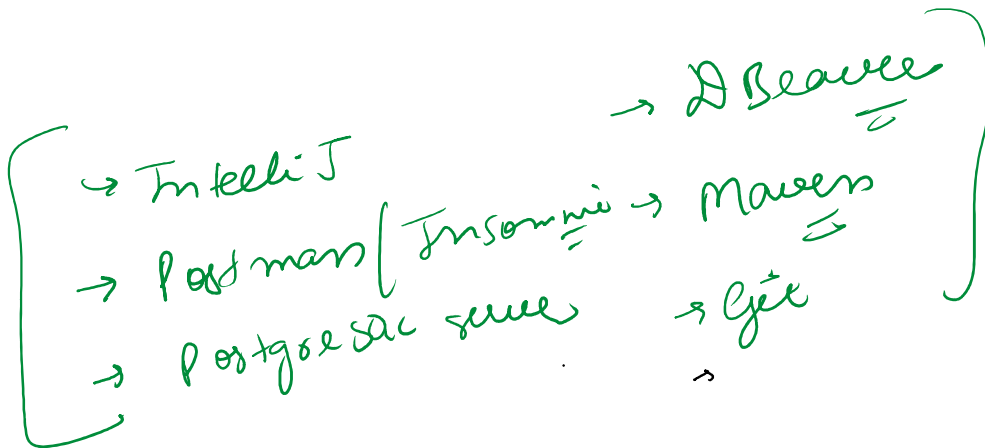
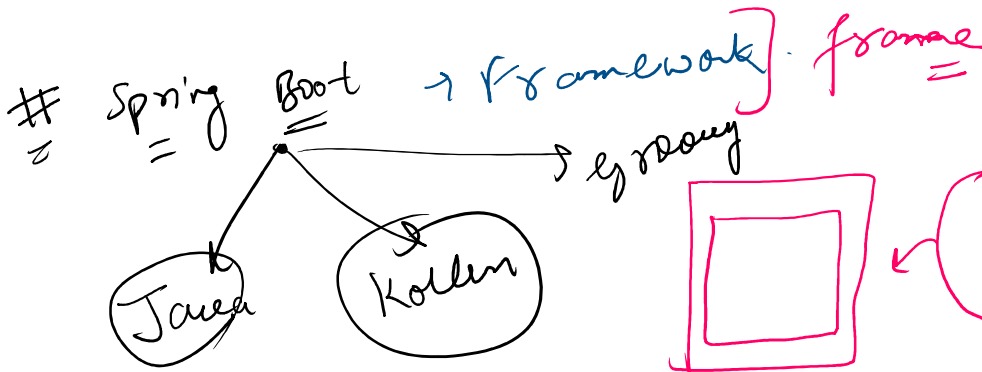
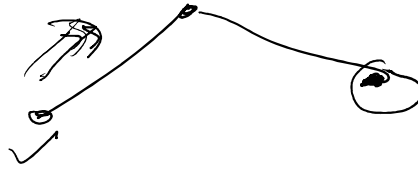


# Restraunt Example

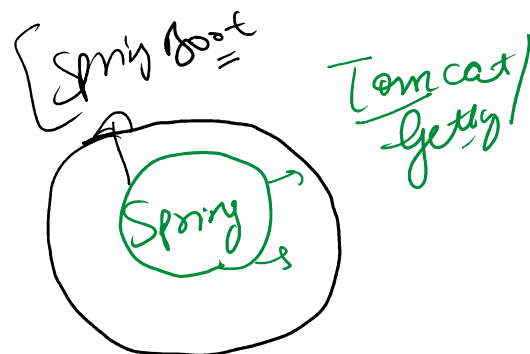


Client

→ peer to peer



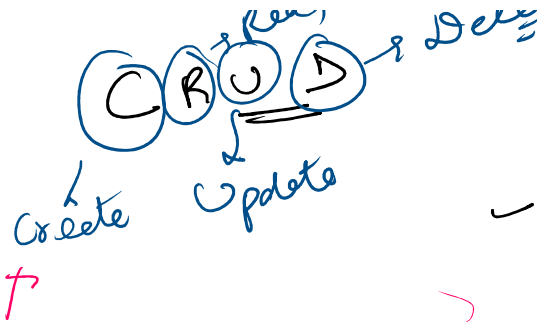
→ Spring vs Spring Boot



⇒ Type of API operations



v. =



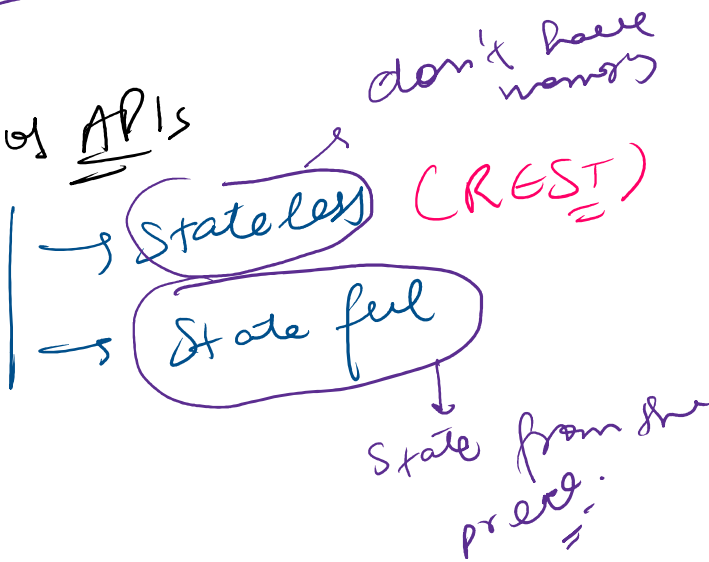
⇒ Post

⇒ Get

⇒ Put and Patch

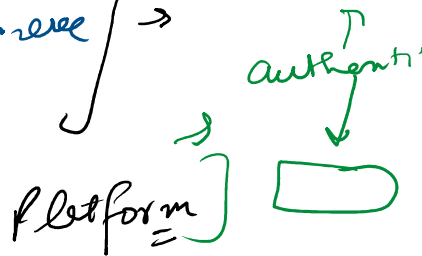
⇒ Delete

# T ypes of APIs



# D e p e n d e n c i e s → { e-commerce }  
→ OTT

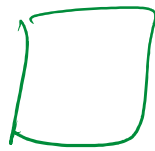
external modules/  
projects



# M a v e n | g r a d e

10 dependencies

# Maven / gradle



[Build Tool]

[Config]

SRC  
DPA  
src

project object  
pom.xml model



→ spring initializer

↓  
start - spring - io

# Naming of dependencies / projects

Cons. comes

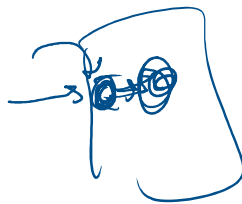
↓  
[ Group Id → owner of the dependency  
Artifact Id ] → what your project is  
[ version ]

project is

→ Java Archive

# JAR → Java Archive  
↓  
for mix of compression =

# Ports

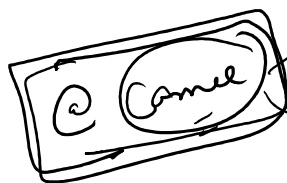


gsp



#

@ ~



functionality  
+  
Info

@

# Controller

→ class

which contains the  
API Endpoints

# Postman → GUI client to  
call your APIs