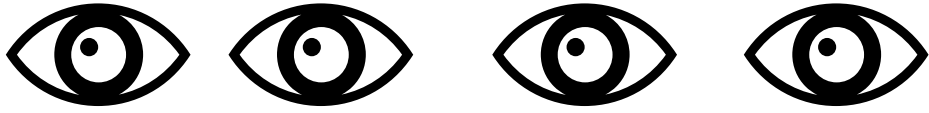
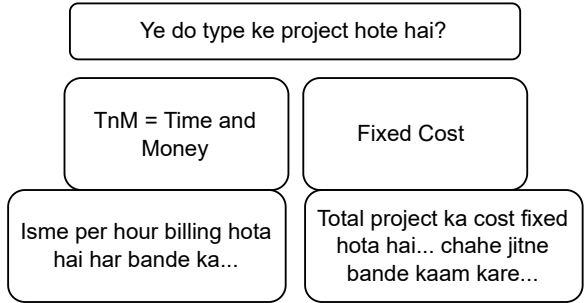
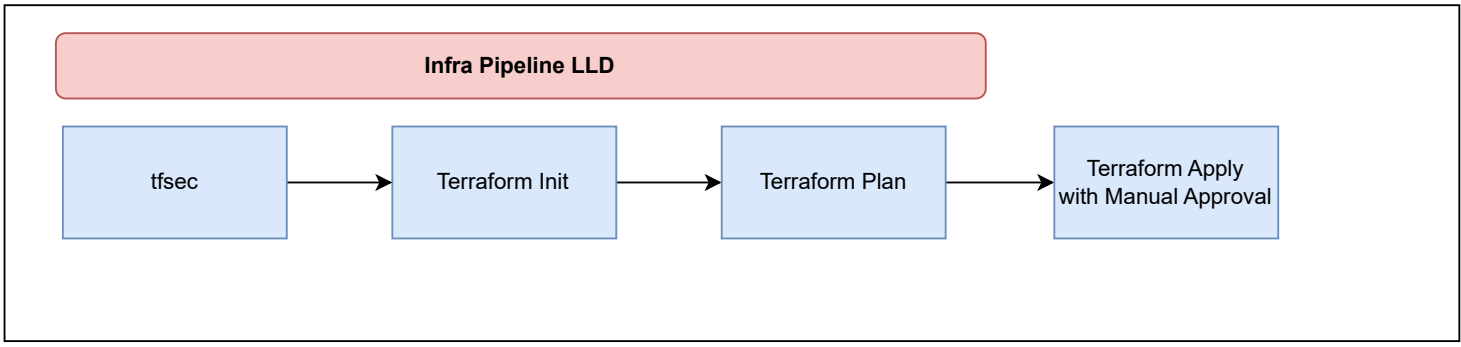
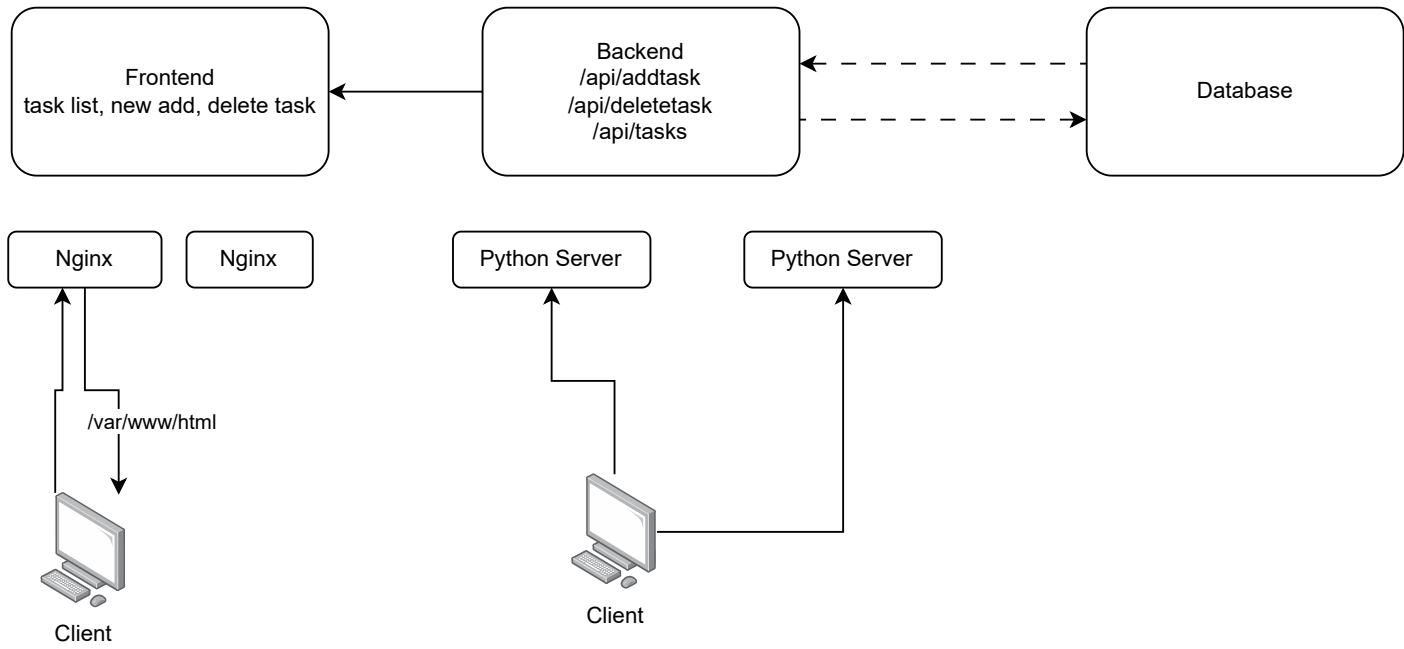
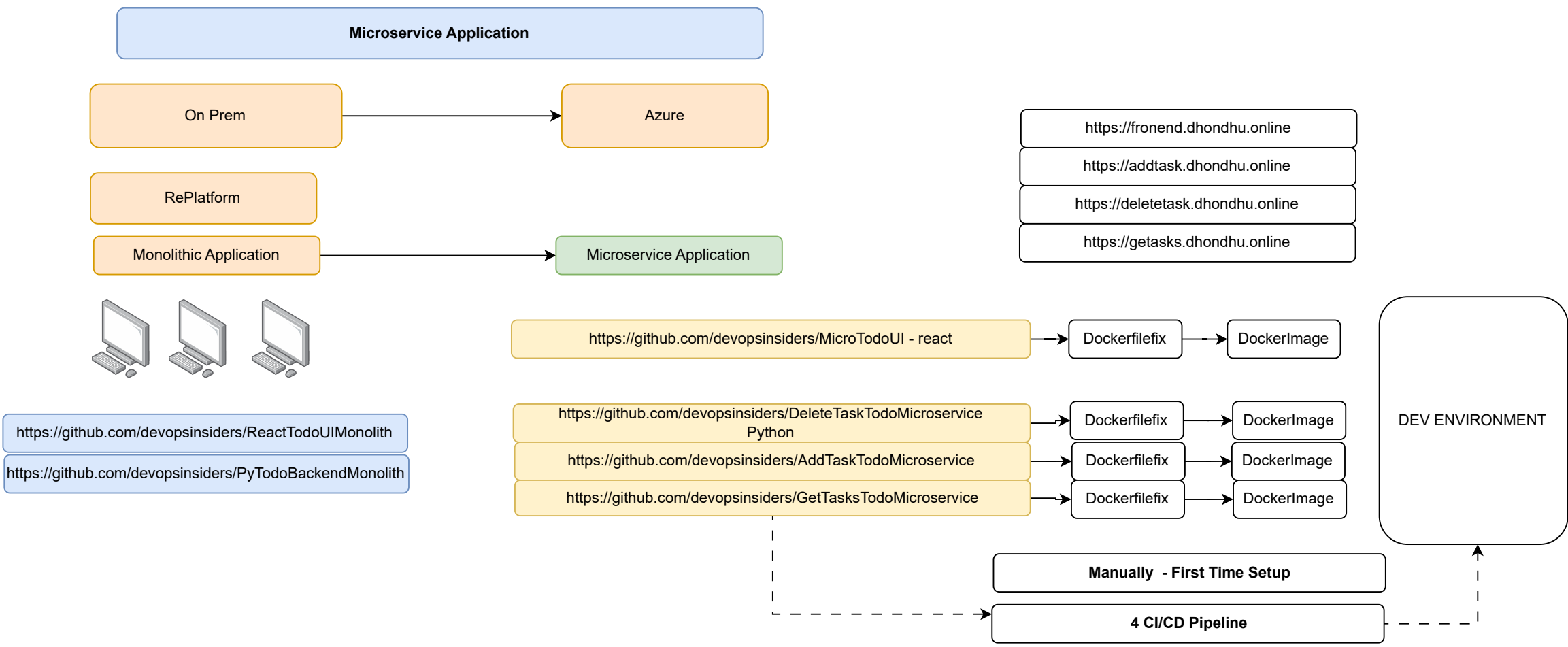


- How many environment need to be created? = dev and prod
- What size and number of nodes to be created in aks?
- Which Subscription to be used for Infra Creation?
- How to get access on Subscription?
- What tools will be used? = terrafrom, azure pipelines, sonarqube, trivy etc...
- What branching strategy to be followed?

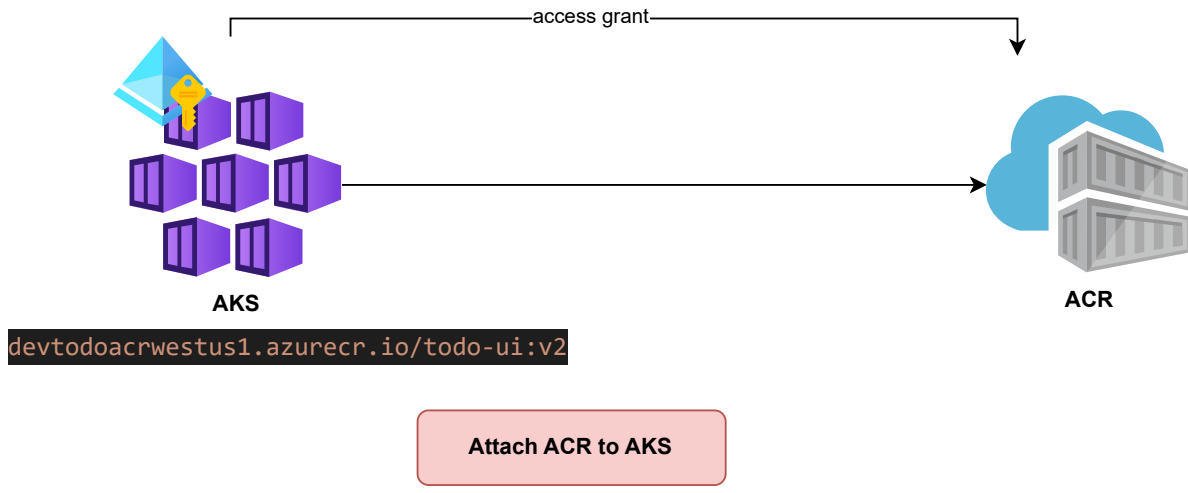
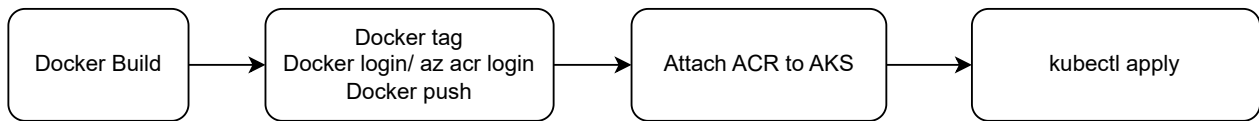
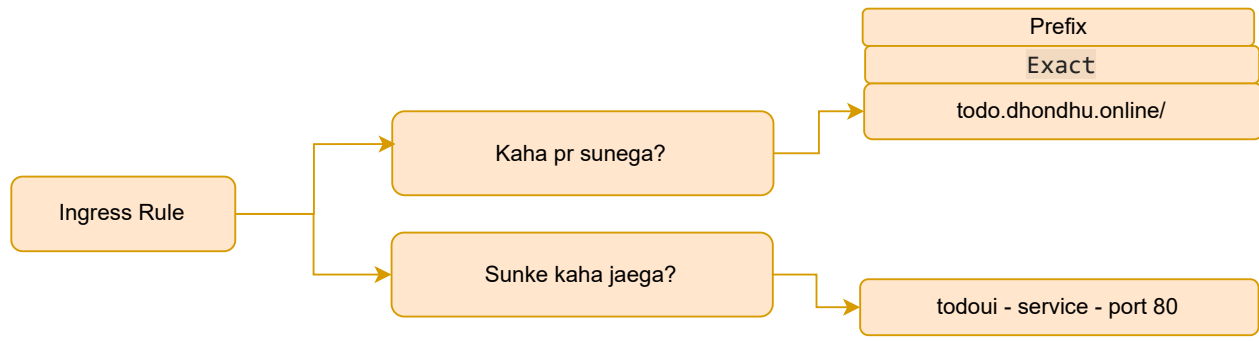
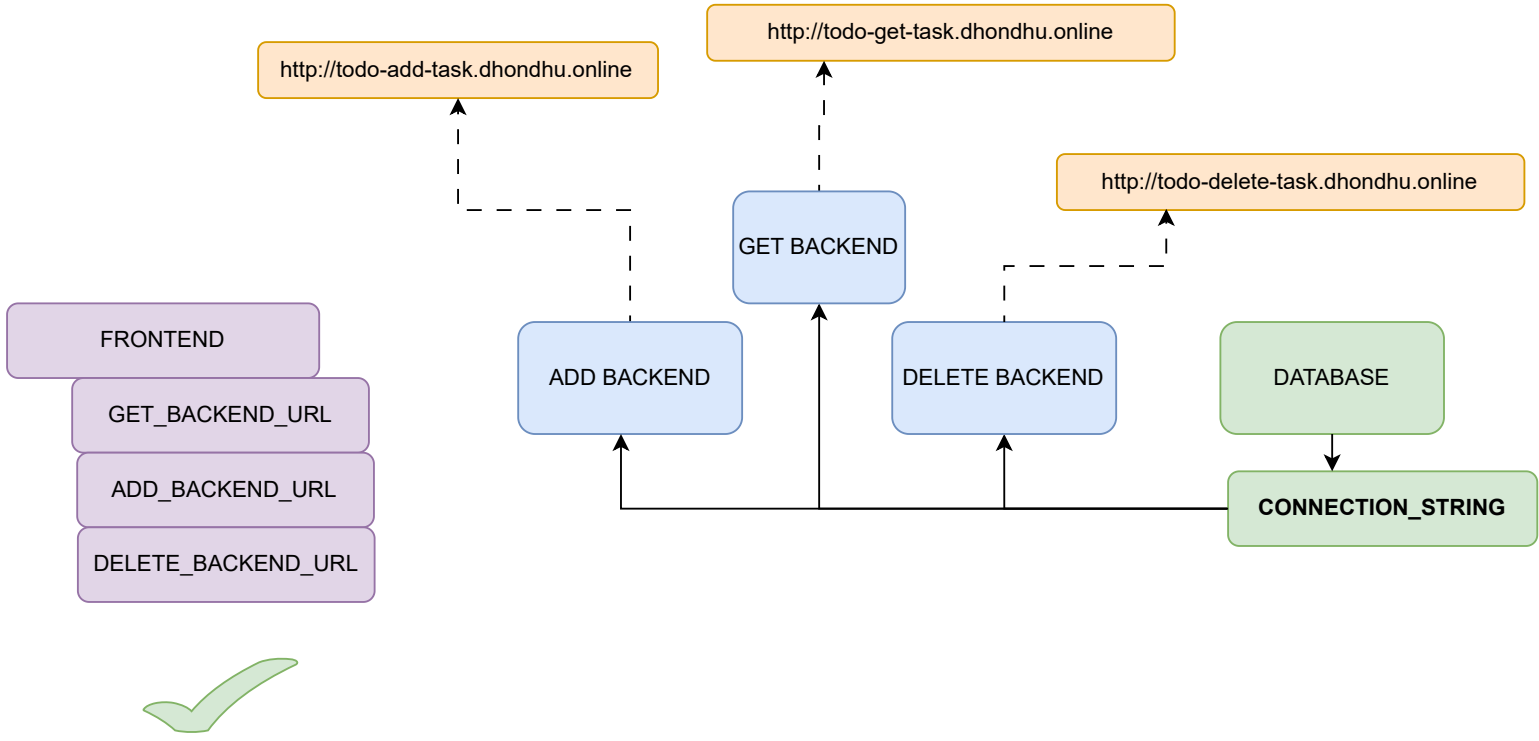
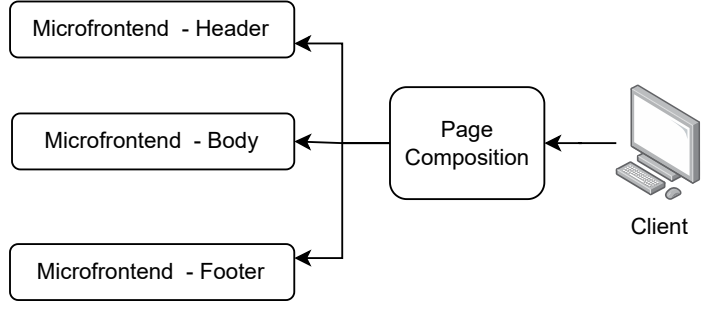


The 4-eyes principle is a control mechanism that requires at least two people to approve an activity, such as a decision or transaction. It's used to increase transparency and reduce the risk of fraud and errors.



- SonarQube
- Dockerfile ko Build karna
- Trivy se scan karna
- ACR me push karna
- ACR se cluster me image chalana
- Pod me chlegi image
- Sab kuch automate karna CICD se
- Kubernetes me 2 namespaces dev and prod
- Roll Back

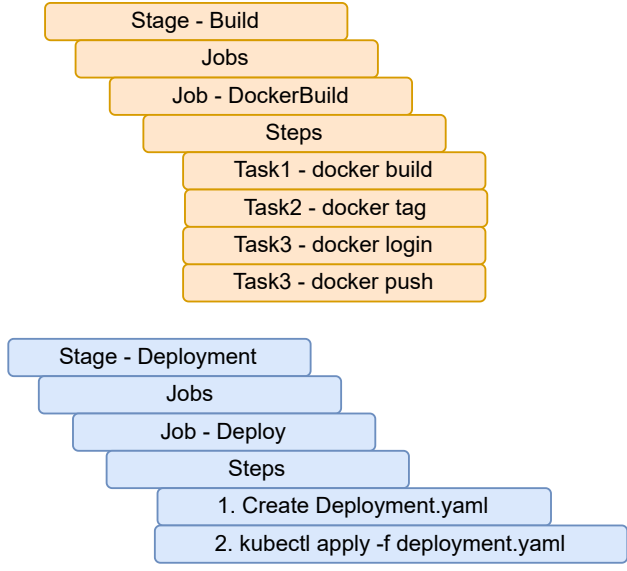
http://todoapp.dhondhu.online



- Steps for a Project - Todo App - Microservice
1. Azure Devops - Organization, Project - Access Dedia project pr...
2. Archilect - Deployment Architecture - Wiki me Store kia tha...
3. Architect - Tagging Doc, Naming Convection Doc.
4. Terraform Module Banao as per architecture and store it in Git Repo..
5. Create Dev Environment Infra
6. environments/dev - iske andar required modules ko call kia...
7. Ek Terraform Ka pipeline bnaya gya jo tfsec, init, plan, apply
8. Dev Env Infra Created.
9. Dockerfile, DockerImage, ACR Push, Manifest File, Kubectl apply - Manual Deployment for the first on dev environment

- docker build -t todo-ui:v3 .
- docker tag todo-ui:v3 devtodoacrwestus1.azurecr.io/todo-ui:v3
- docker push devtodoacrwestus1.azurecr.io/todo-ui:v3

- ACR Service Connection
- ADO - Project Settings -> Service Connections -> Others
- ACR -> Access Keys



Repo

