



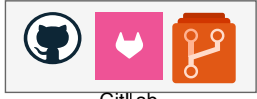
Company k andar Prod me kaam
kaise hota hai...
kaam krne ka flow kya hai

Frontend & Backend or
Deployment Infra ka code
likh kr SCM (Github,
GitLab, Bitbucket, Azure
Repo etc..) rakha jata hai

Frontend - main branch
Backend - main branch
Deployment Infra - main branch

Frontend - main branch clone
Backend - main branch clone
Deployment Infra - main branch clone

You have to create 4
resource groups on
Azure Cloud
(Our Task)



GitLab

You will take clone of main branch of Deployment Infra
`git clone https://github.com/worathejava/DevOps-
Terraform-Infra.git`

You will create a new branch for your task
`git branch Resource-Group-Branch`
`git checkout/switch Resource-Group-Branch`

Open the project in VS Code
Open a single .tf file in Notepad++
Add terraform code of 4 resource groups
open Terminal in VS Code or on local system
run - `terraform fmt, init, validate, plan`

put your branch back on SCM
`git add .`
`git commit -m "created 4 resource groups"`
`git push origin Resource-Group-Branch`



GitLab

Now you will create a PR/merge request

Yahan par bhi ek pipeline set hoti hai

Owner of the main branch validates the changes
and merge your branch into main branch

Azure Repo (+github+gitlab+bitbucket)

Kaam krne wala virtual employee
ADO Agent
isko task/job assign krni pdegi
hame Azure Repo se code lena h or usse Azure
Cloud pr Infra create karna hai
1. `terraform init`
2. `terraform validate`
3. `terraform plan`
4. `terraform apply`
Ye instructions hum jahan par assign karte h usi
ko Pipeline bolte hai

Inke beech me relation bnana pdega
Service Connection

We want 4 Resource Groups on Azure Cloud