

Dep-ope = Development + operation's

It is basically not a programming Loungage.

It is not a Single tool.

It is a culture with a practice of multiple tols that helps to deliver the software faster with less covers.

Developer's well write code give to operation have they will work in the sower and deployer, so, the user or's wait for explates & patches in without Devops.

With Devops they we multiple tools to automate
the project of collaborate with Developer a operation
town So, using Devops the use will get continues
updates a patches

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	Dev-OPS (and Day	-2	
	Cloud And It's	Concept's	· kalub	
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	What is Cloud	Architecture	?	30
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				A SECTION ASSESSMENT

Backend ! * It is the backbone of cloud. * Compute, Storage, Nelworking, Security * Data bosès, Cloud Storage, File Storage, Block Storage. Society IAM and acciabliby - IAM (Identity and Access Management) It acts like a bridge between uson + Cloud Delevery Model:

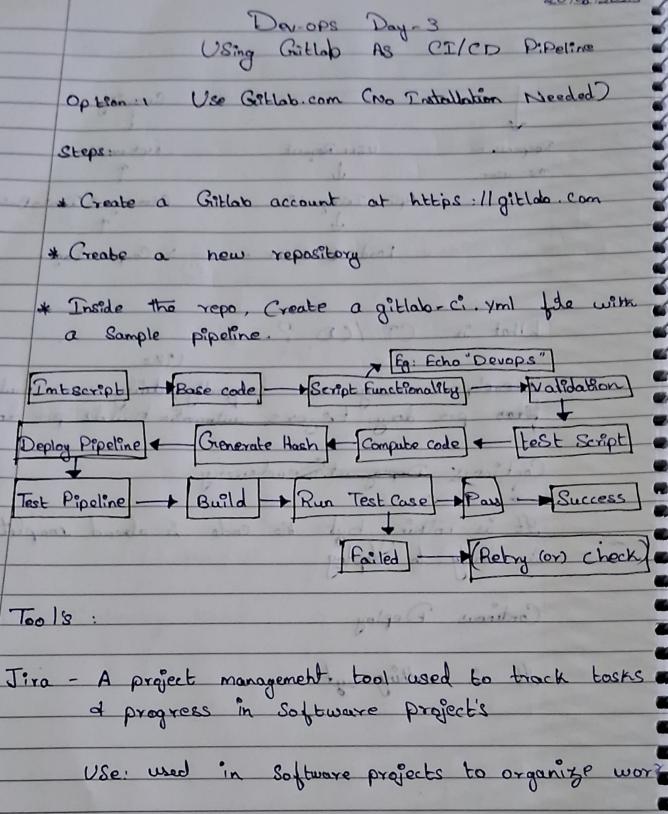
Security Response on User Request Notwork

The user

Apri Integration Storage & Data Base Load Balancer -> Computer layer What is CI/CD? Developers mange code fraquently doily con multiple felos per day trigers automatic builds por day.

Continous Deptoyment Developerary

It is nothing but the code is abread completed the second to deploy Continous Deploy It is nothing but The used in Software provided of been 1934



Crithub - It's a cloud based platform to host /

* Developers can collaborate, scariou and manage process.

Crit + A version control system the Koops the

* Let you go back to your old version if !

Grithulo Actions. A CI/CD tool build onside Grithulo/

* Automate work flow like building / wherever the input changes.

Docker - A tool that package application in to container so the own the same every where

* Avoids "The work on Re mechine problem,

A build automation tool for jour

* handle dependence and project build

GIRADE - It also a sutemated tool compartive

* Fatter Ran moven and supports incromented

and to create and manage Beautice databases and naturate automatically Day ? Temporar - Consular Consistent Interestorne time satur & An configuration Management and Automation System and update + coder Service . PROMETHEUS - It is our open Source Monitoring which will be and a minter A Let milematus blind A -13AV313 4 has briefly others & menels were of first

Why it is used :

Colore Colocks metris -> Epu -> Memory usage -> Request grand rerr cond allate when something gas wrong.

GRAFANA :

It is used for data visualization and dash board tool display motives information of graphs a charite