DevOps Day-03

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In sdlc some models/methods

which models

1.waterfall method

2.Agile method

Waterfall method

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in this involve 7 phases also

step by step process

its take time consuming process

high budget

client un satisfy

heavy work load

risk high

this overcome to the market agile

agile method is famous now a days in software company

most s/w companys are use agile method

Agile Method

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in this involve 7 phases

its take the requirements parts wise

release the sprint/part in one month

parts means sprint

low budget

client satisfy 100%

simple work

no risk

its no time taking process

Devops

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its continuos process

automation process

its continuosly code combining

its continuosly code checking/testing

continuosly building code

continuosly deploment

continuosly monitoring 24/7

what requirements to learn devops

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cloud platform(aws,azure,google alibaba,oracle)

operating system (Linux)(100%)

devops Tools

-----------1.git

2.github(source code management)

3.maven(build the application)

4.sonarqube(testing the code)

5.nexus(store the artifact)

6.tomcat(deployment application)

7.docker(containeraisation tool)

8.kubernetes(container orchestration tool)

9.prometheus(monitoring tool)

10.grafana(monitoring tool)

11.ansible(configuration management tool)

12.terraform(create infrastructure)

13.jenkins(ci/cd tool)

AWS

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create aws account

==your valid email

===your name

===debit card rs 2/- 3 days backup

===pan card

===address

infrastructure

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set of the servers in the physical

infrastructure can divided into two types

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1.on-premis

2.cloud

on-premis

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to created by own servers ,storage,network,security,backup,cables,power,man power,Ac

its called on-premis infra structure

if any case disaster servers are collapsed

cloud infrastructure

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they are providing servers in via internet

totally handled by them

how many cloud platforms in market

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1.Aws

2.azure

3.google

4.oracle

5.IBM

6.Alibaba

etc..............



