DevOps:Day-01

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Software Project:

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collection of software programmes is

called software project

ex:Java,python,.net,php,javascript

,html,css,angular,react reactjs etc.....

Why to develop software project

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software projects are used to reduce human efforts

and simplyfy humans life

ex:IRCTC,Net banking,amazon,flipkart,swiggy,zomato,

bigbasket,zeptop,phonepe,whatsapp,gpay

Software project Architecture

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its contain 3 layers

1.presentation layer(frontened)

user interface

angular,react js , html ,css etc...

2.business layer(backened)

business logics

Java,python,php,c ,c++, .net etc......

3.Database layer(storage)

storage

mysql,sql,oracle,maria db, mango db

Application tech stack

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1.angular+java+mysql

2.reactjs+python+oracle

3.angular+.net+mango db

Teams in the project

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1.Business Analysis Team

----to get requirements from client

2.Development Team

----Coding(java,python etc...)

3.Testing Team

----the code is correct or not/the app is working or not

4.Operations Team(Devops)

----Devops Engineer

=>create infrastructure

---to create servers,storage,network,security,backup etc....

=>configuration management

----install the softwares(java,python,ms.net etc....)

=>build the application

----to set the enter application to single file

=>deploy athe application

-----to deploy the application in servers

=>delivery the application

-----to delivery the application to end users/users/ 24/7

=>monitoring the application

------to observe the application 24/7

