AWS : Serverless BUILD SERVERLESS APPLICATION ON AWS CLOUD

Presented by :
Amrit Choudhary

Pre-Requisites

1) **AWS account, CLI & Credentials Setup**
2) **Terraform setup**
3) **Iam user created, access/secret key created**
4) **Docker cli setup**

Terraform CLI:

```
brew install tfenv
```

Follow this page for installation : **https://github.com/tfutils/tfenv**

Docker CLI & Engine : Have used docker desktop, please install according to your OS

https://docs.docker.com/engine/install/

AWS account creation :

https://aws.amazon.com/premiumsupport/knowledge-center/create-and-activate-aws-account/

Docker course : https://www.udemy.com/course/docker-devops/?referralCode=ECEDBD3CEC6B99717566

Serverless ?

Simply means write code without being worried about the underlying infrastructure.

Serverless is the native architecture of the cloud that enables you to shift more of your operational responsibilities to AWS, increasing your agility and innovation.

You can build them for nearly any type of application or backend service, and everything required to run and scale your application with high availability is handled for you.

Amazon ECS

Amazon **EKS**

Other Serverless components

SQS   : Queue

SNS   : Notification email, sms

ATHENA   : Query on s3 data

AppSync   : create simple graph api

RDS PROXY: db proxy manages concurrent   connections

EFS: simple scalable elastic file storage

Kinesys: Streaming services

DynamoDB: Fast scalable NoSQL db