

AWS Lambda

+ What is AWS Lambda funⁿ?

AWS Lambda is an Amazon serverless computing system that runs code & automatically manages the underlying computing resources like EC2.

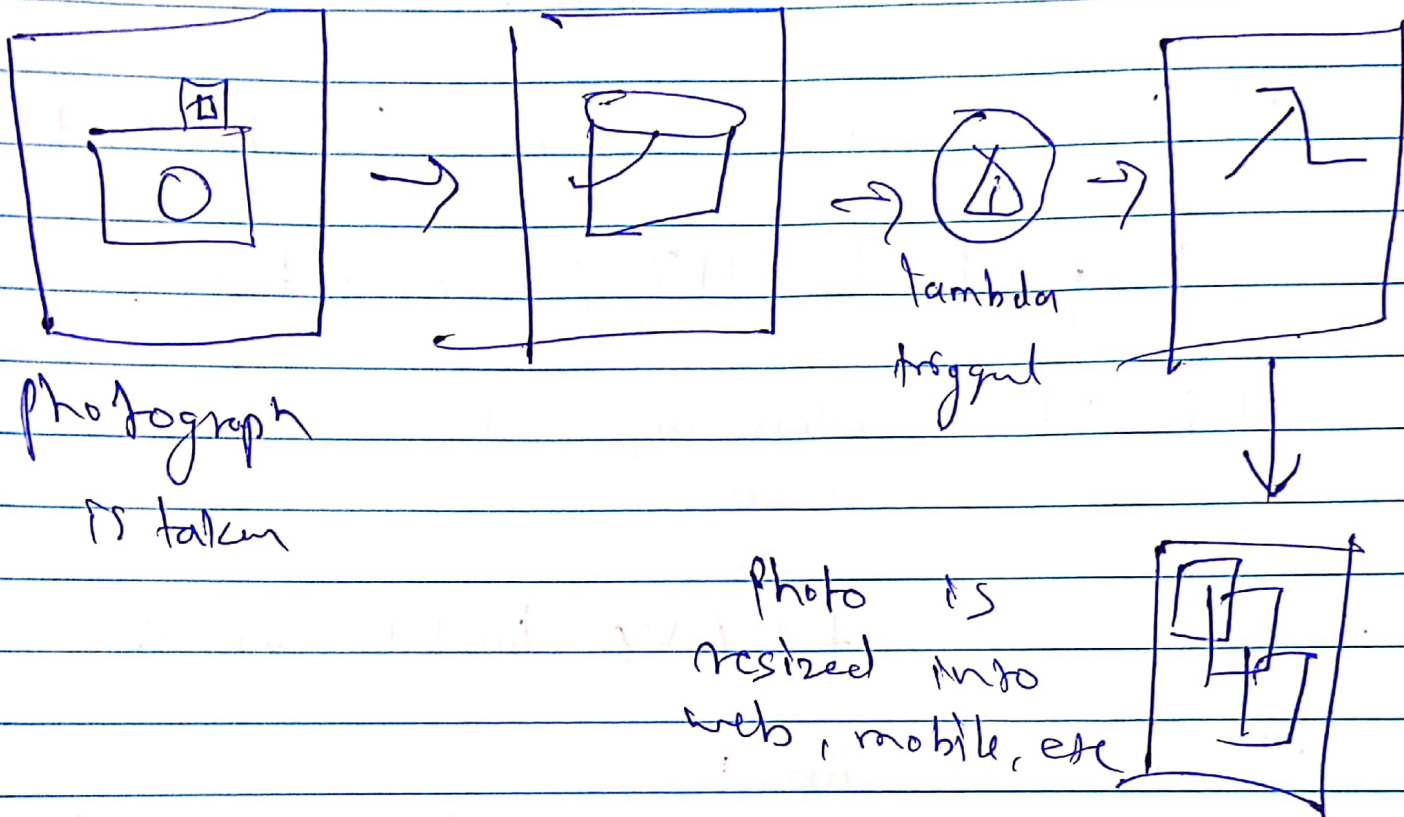
It is an event-driven computing service.

It let a person automatically run code in response to many type of event such as HTTP request from the Amazon API gateway, table update in Amazon DynamoDB & state transition.

It also enable the person to extend to other AWS services with custom logic & even create its own back-end service.

for running code on high-availability compute infrastructure.

it then performs all administration duties of that computer resource. Such as



+ What are lambdas, fun?

AWS Lambda are serverless computer functions are fully managed by the AWS where developers can run their code without worrying about server.

AWS Lambda function will allow you to run the function code without provisioning or managing server.

- Example of lambda.

1] Process data from S3 bucket

2] Respond to HTTP requests

3] Build serverless application

- Use Case of AWS lambda funⁿ.

1] File Processing:

AWS lambda can be triggered by using simple storage services (S3) whenever file are added to the S3 services lambda data processing will be triggered.

2] web Application :

you can combine both web applications & aws lambda which will scale up & down automatically based on the incoming traffic.

3] IOT (Internet of Things):

you can triggers the aws lambda which will condition- while processing the data are received from the IOT application.

4] Stream Processing:

lambda funⁿ can be integrated with the amazon kinesis to process real-time streaming data for application tracking, log fitting and so on.