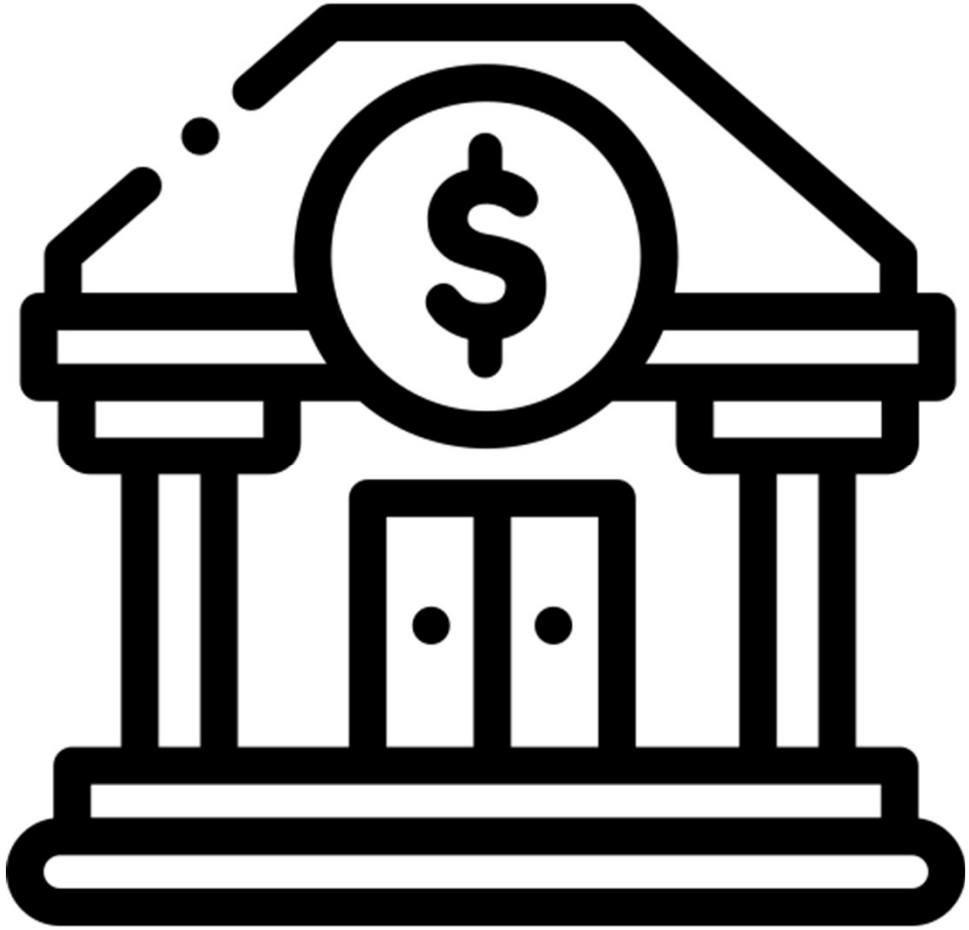
Digital Transformation in Banking

A Look into JP Morgan’s Cloud Journey and Developer Experience

Rinsha Kaushik, Cloud Developer Relations Engineer, JP Morgan

Introduction



Introduction

200 years

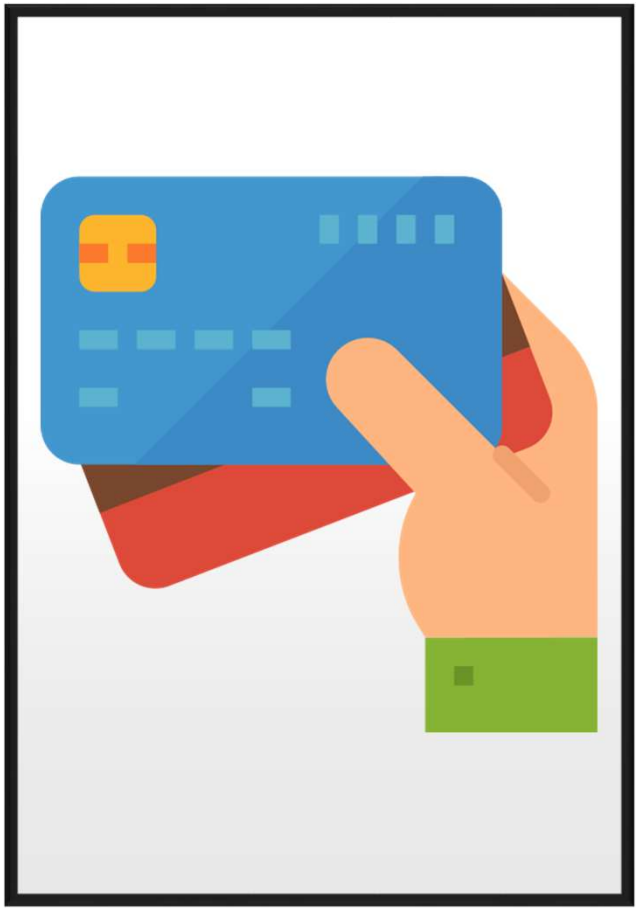
$3.9T worth assets

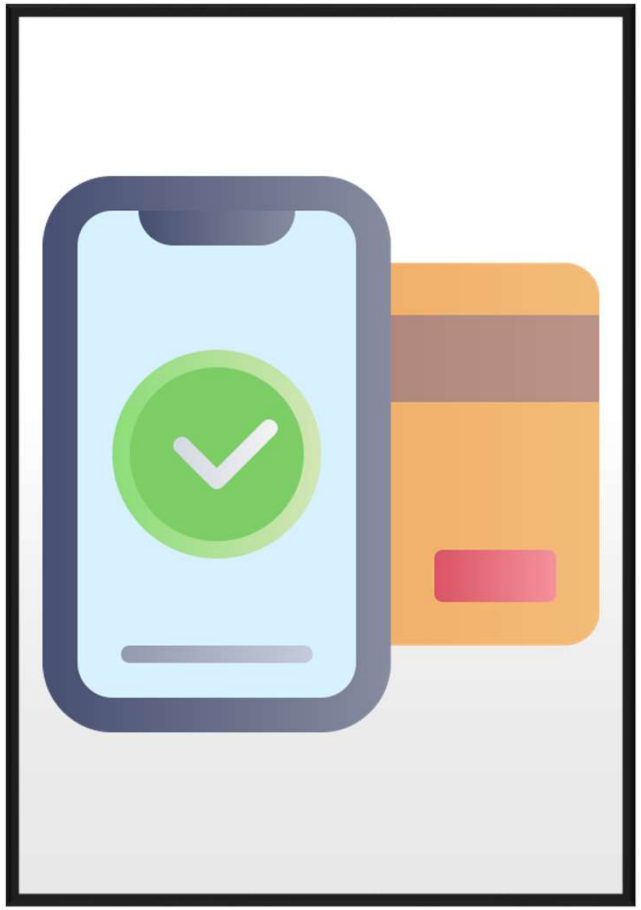
$317 billion- stockholders' equity

~290k employees

100+ countries

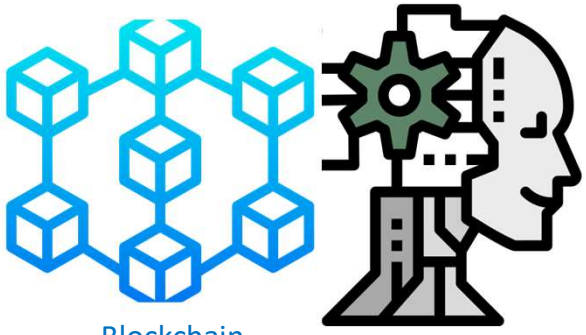
ATM



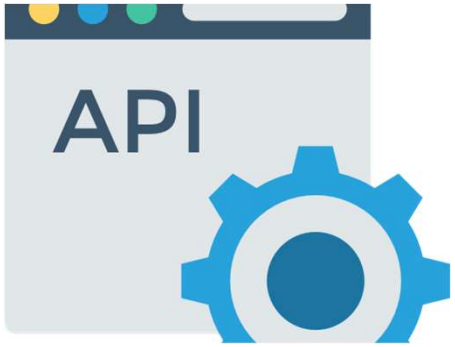


$15B
Over 57,000 technologists

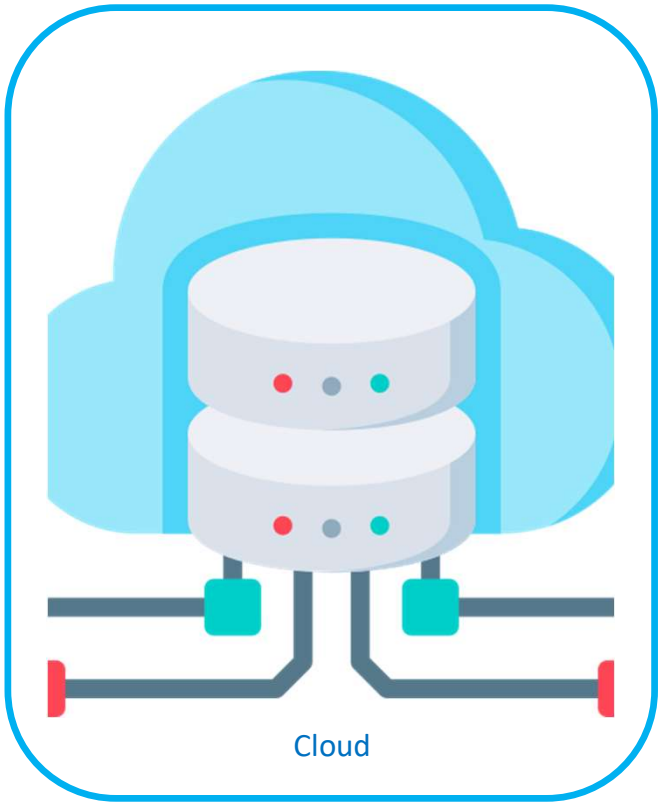
Digital Transformation



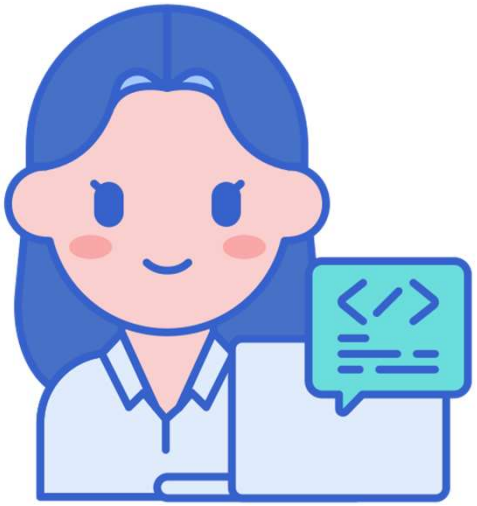
Blockchain AI



API

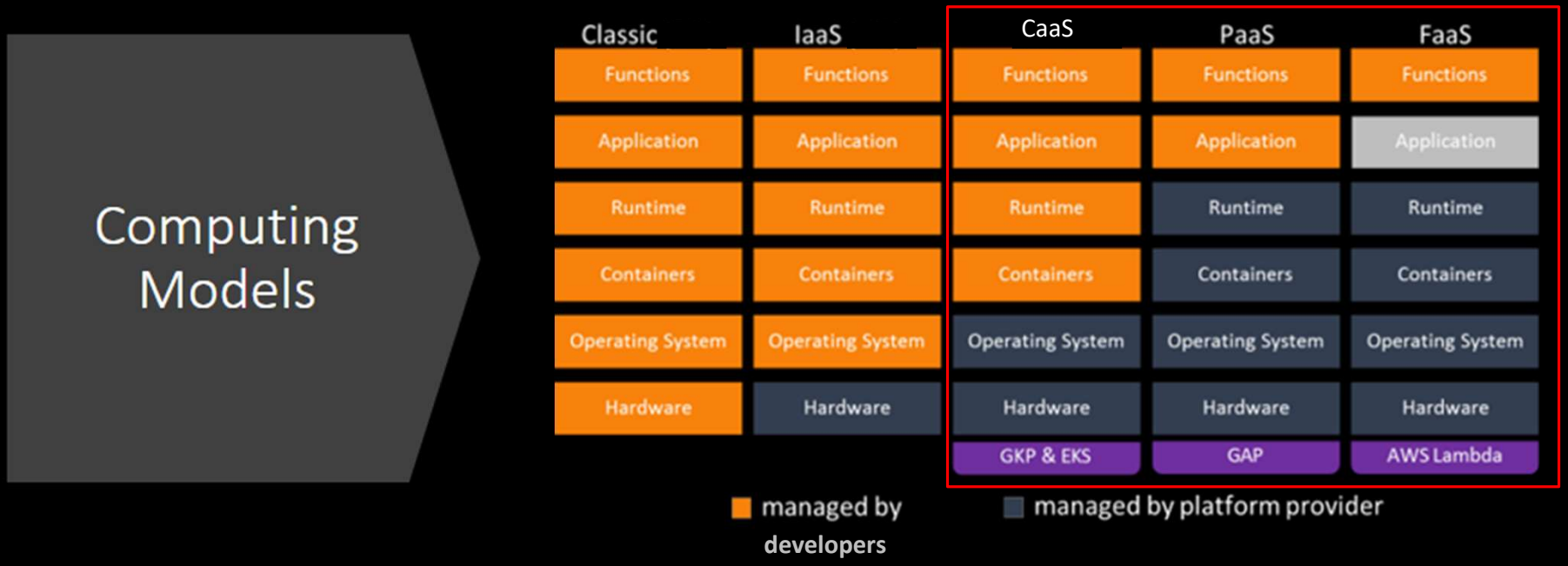


Cloud

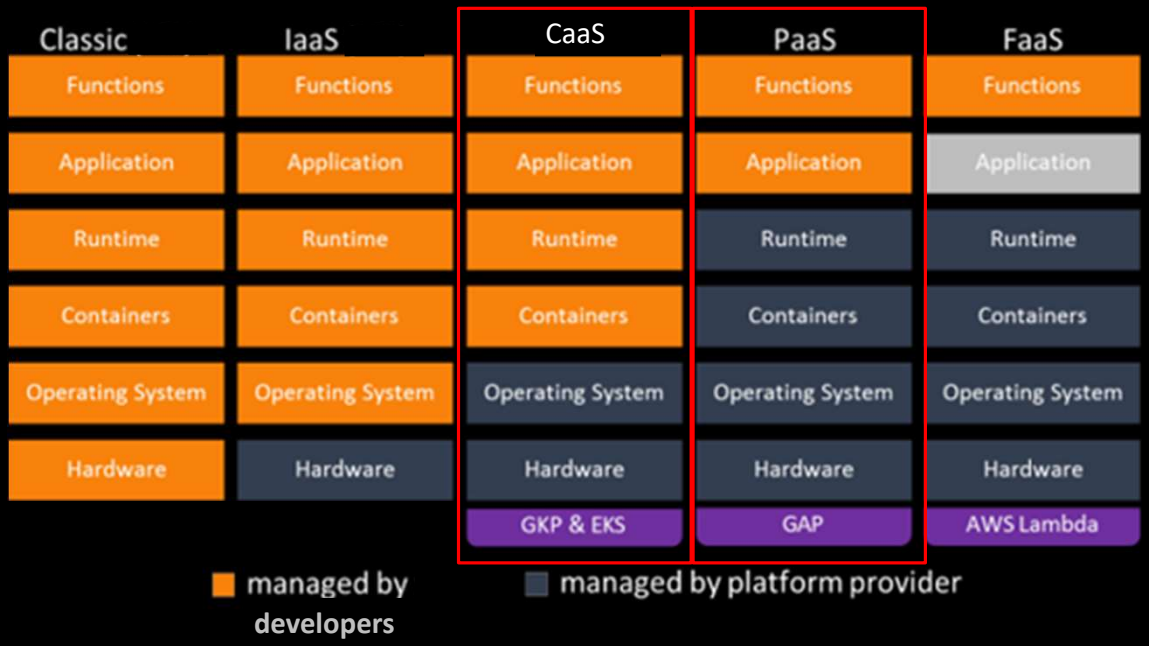


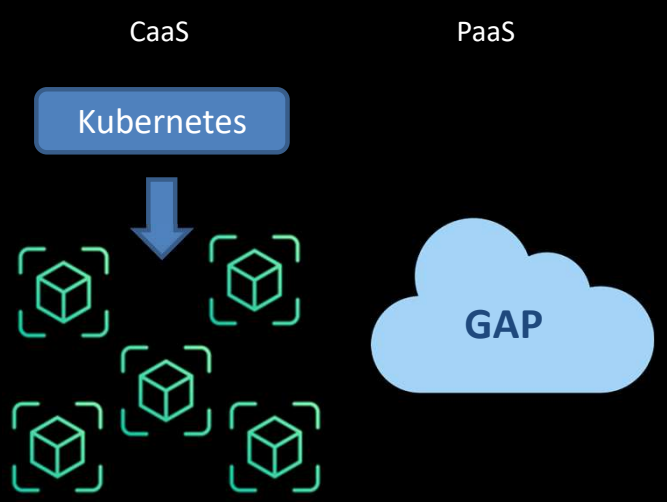
Platform Engineer	DevRel Engineer	Software Engineer

Runtime Compute Products

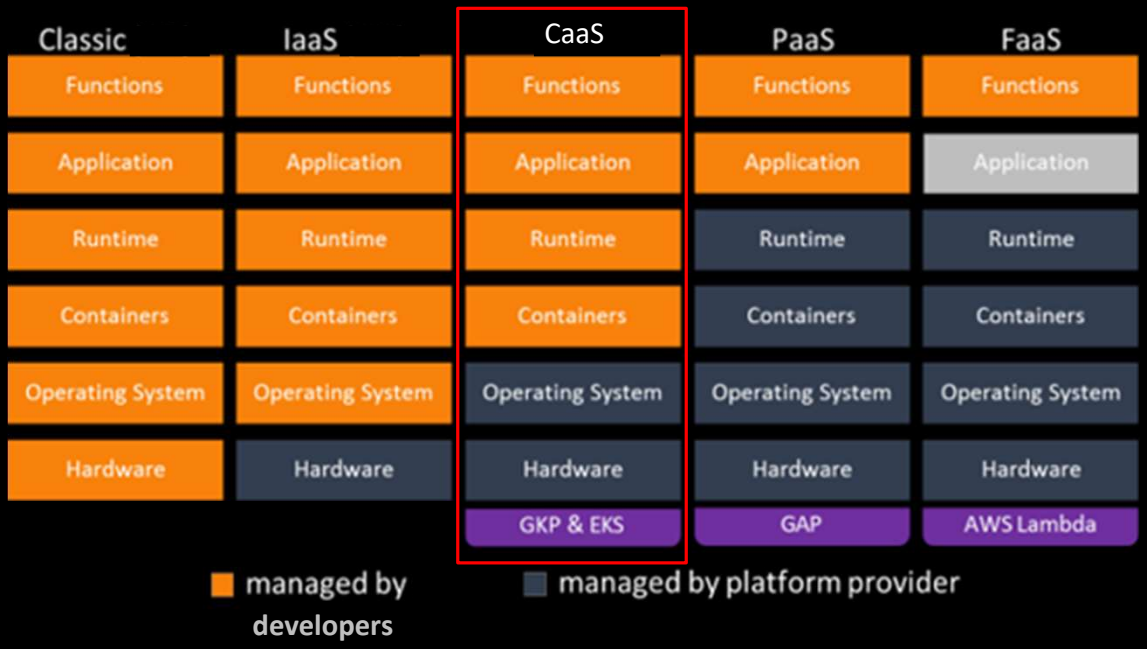


Runtime Compute Products





Runtime Compute Products



Enhancing CaaS Experience

Cluster Management Options

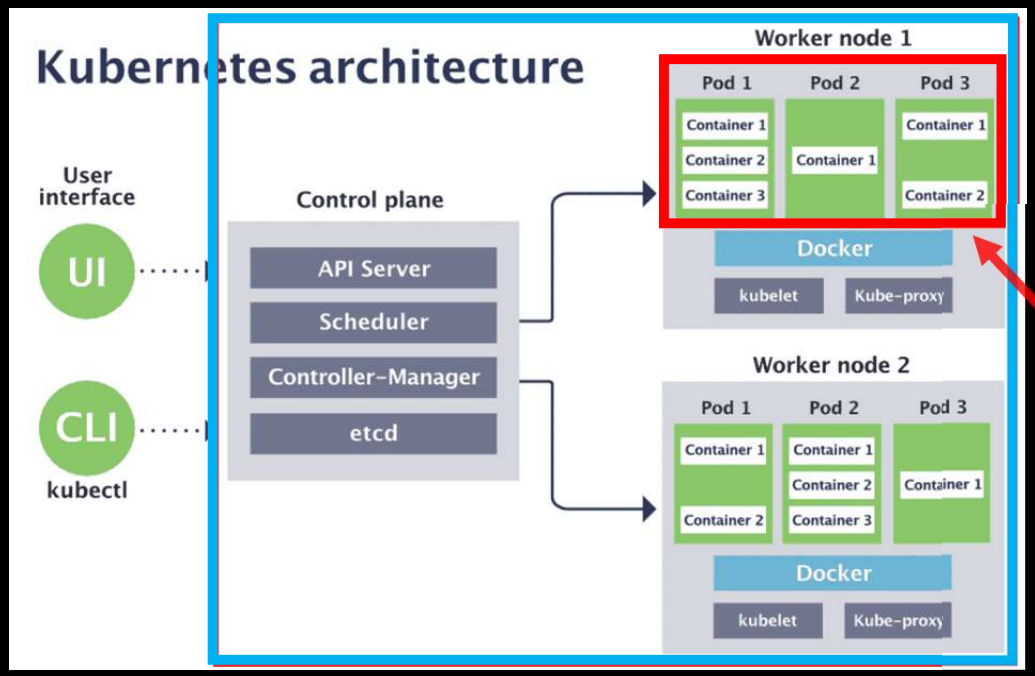
GKP

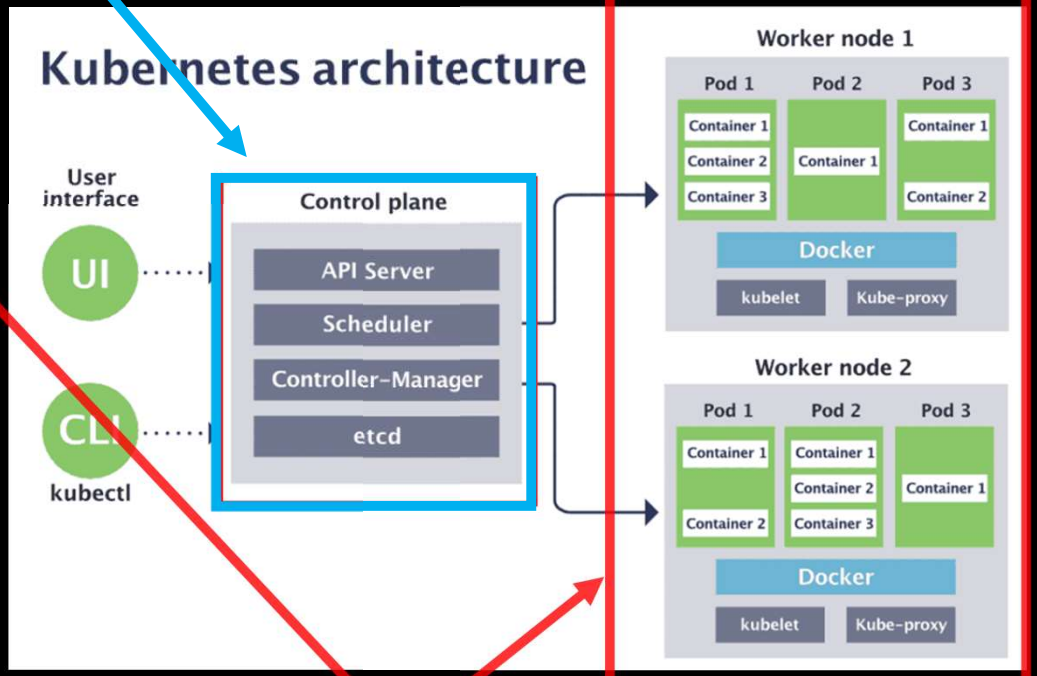
Repaves, patches, Kubernetes version upgrades platform managed!

AWS EKS

Platform – managed !

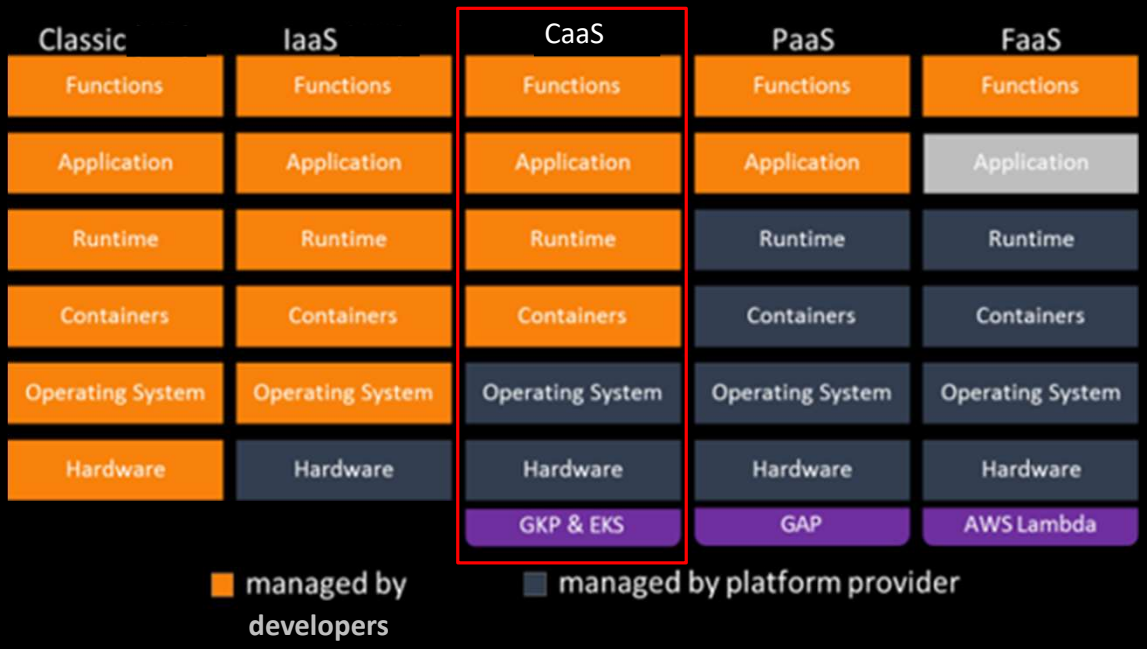
Cluster Control !





Developers manage !

Runtime Compute Products

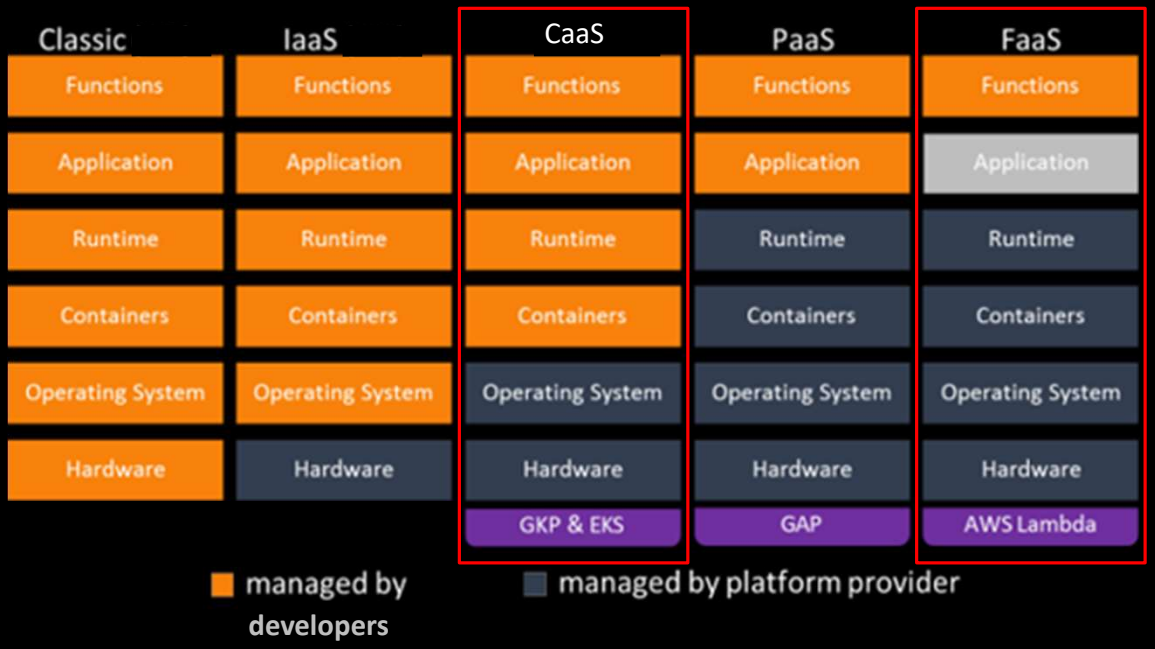


Enhancing CaaS Experience

Cluster Management Options

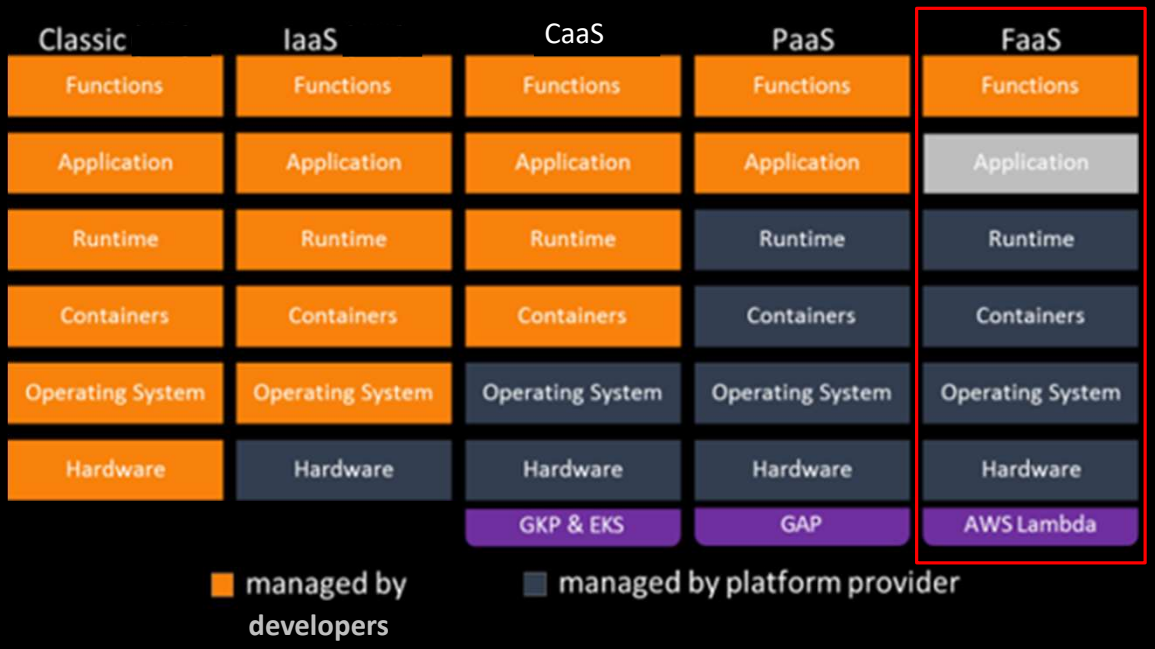
Cloud Native Buildpacks (CNBs)

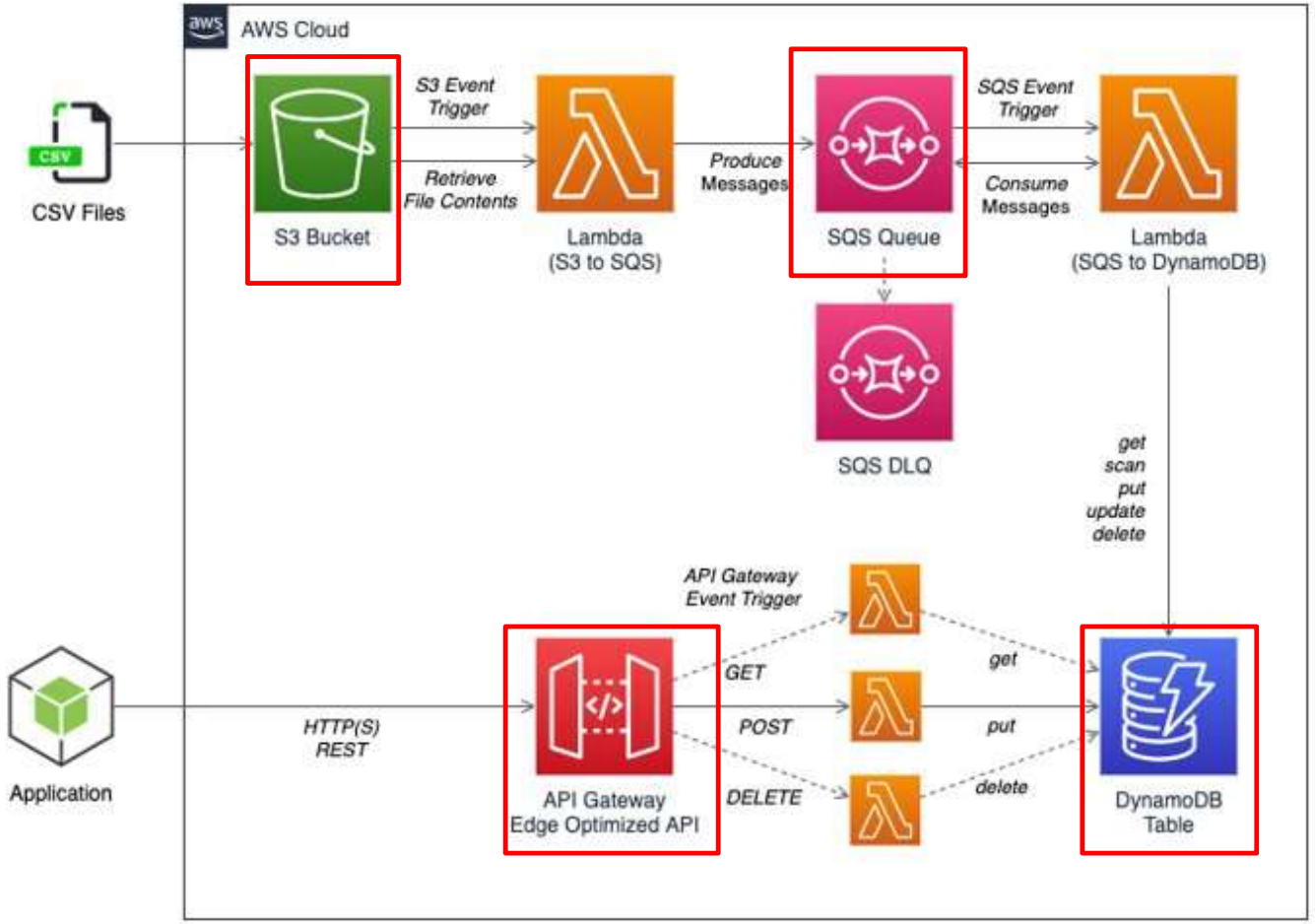
Runtime Compute Products



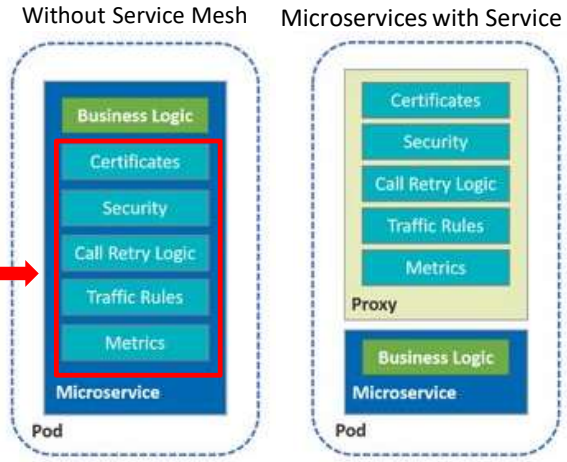
AWS ECS Fargate

Runtime Compute Products




AWS Cloud
CSV Files
S3 Bucket
S3 Event Trigger
Retrieve File Contents
Lambda (S3 to SQS)
Produce Messages
SQS Queue
SQS Event Trigger
Consume Messages
Lambda (SQS to DynamoDB)
SQS DLQ
get
scan
put
update
delete
API Gateway Event Trigger
GET
POST
DELETE
get
put
delete
Application
HTTP(S) REST
API Gateway Edge Optimized API
DynamoDB Table

Other Products



Developer Toil

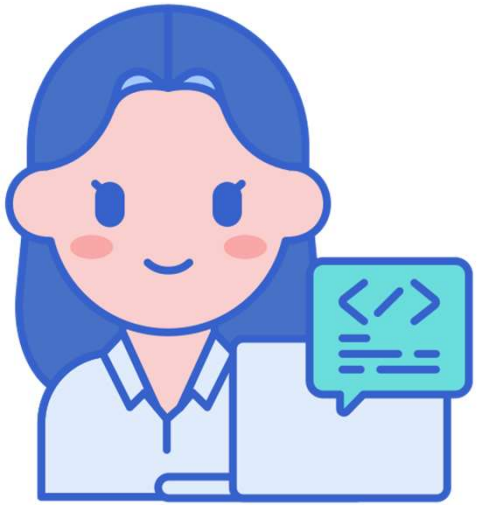
Service Mesh

Web Hosting

GVP

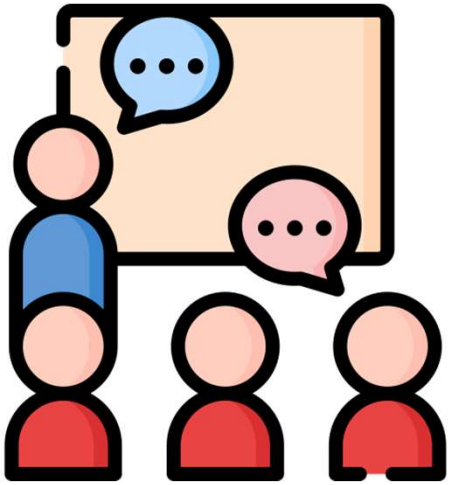
Platform Engineer

DevRel Engineer



Software Engineer

HELLO
WORLD



Opportunities Are Endless!

THANK
YOU