**Capstone Project**

**Product inventory store**

**Vpc**

2 avaialbility zones

6 subnets(web-2,app-2,database2)

Internet gateway

Route tables and associations

Security groups

Eks cluster

Rds

--note: all this creating using cloud formation tamplete pipeline

**Code pipeline**

App deployment in eks (pipeline)

Included in sonar qube(code quality)

Sns – if code pipline fail

Cloud watch monitoring for **eks**

set alarms if pods are increases cpu percentage

=====================region-2============

Same infrastructure from(terraform )

All infra created

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**Codepipeline**

App deployment in eks

Now added in code **trivy** for image scanner (any volnerabilities)

Successfully running

* included argo cd seperately

**route 53 (** domain devingroup.click)

add 2 regeion load balancers

hosted zones

-recors(2 regeions) –for fail over routing