-> Bront end patform: may include client devues vier computers & user interfaces ine windows & web browsers anot allow access to could application & services.

it includes the ocules to -> Back end Patforms process & manage requests alongur apperepaient storage for sterige & retrieval of cuient deta. Also notwork access with for communication blw cloud companents.

-) cloud based Delivery:

¿AAS: loftware as a service.

Paas: Platform " "

laas: infravoucture " 1 "

I Infrastruction as a sewice: its a form of cond

(Iaas) computing reat provides

virtualized computer

resources over the internet

Key aspects:

- restral machines: Users can create, configure & manage retral machines and emulate physical computers.
- -> storage: They have scalable storage relections for data with options to shore, feel of oroject storage.
- Il addresses to manger configurations
  - > benque:
    - cost efficiency. Pay as you go modus raduce
    - Flexibility: chase & configura resources to meet specific requirements.
    - scalability: we can scale resources up or down pased on requirements.

its a cloud computing paylorm offered by amazon. It provides a large range of cloud resources, including computing power, storage & databases. Very components:

- Elastic compute coold: ECE: it supports vortual computers! serves to rown applications.

- storage: 53 : (simple storage service) : scalable object storage.

: EBS: (ELOUTIC BLOCK STONE)

: BLOCK storage to be used with EC2

- batabase: RDS: (Relational database service): manageal relational databases.

: Dynamass: Nosor datebase service.

- Newsterns: VPC: virtual private woud:

isolated networks within the cloud

: Rouk 53: scalarse 2015 & domain

- security: (AM: (identity & access management).
: manage access to AWS resources.

: KMS: ( Key management sewills)

: manage enryption regs

IN Amazen ECR: [Eastic compute cloud]

'Is a cose Aws service anot provides scalable computing capacity in the cloud.

Key Jeansures:

- instance: types: general purpose: balanced rusources
for vocious
workeads (t1, t3)

: compute aptimised: high performance processors for compute intensive tasks (155).

memory sprimised: large memory for memory systems of the continuous springs. (315).

: otologe optimised: high speed otologe for data intensive takes (23).

- Elasticity: auto scaling! automatically adjust are no of instances based on demand

: elastic voad balance: distribute incoming (ELB) traffic across multiple instances.

- security, security dos: normal himosops so couped that so

: Key pairs: secure access using SSH Keys

- Pricing models: On demand: pay gos compute capacity by her.

: Reserved instances: commit to

3

Ecs capacity for converd .

- Stologe options: EBS: Elastic block stology for EQ

: instance store: temporory storage.

-> Amorgon Ecz enable users to lawnen & mange virtual sewers, providing functioning toxcale computing resources up or seven as needed, mothing it a fundamental tool for cloud bosed be project.