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## Cloud Computing Architecture :-

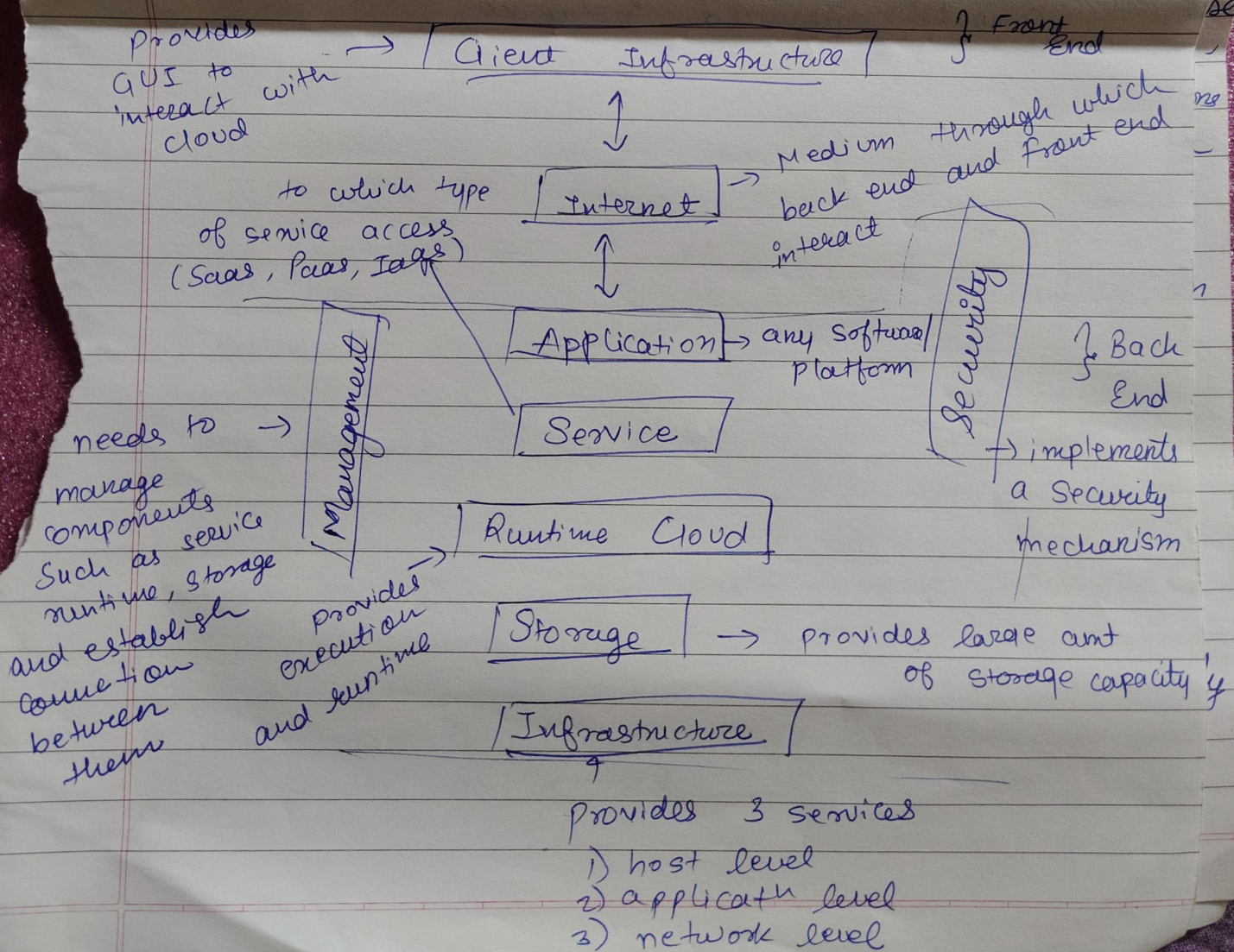
1) As we know, cloud computing technology is used by both small and large organisations to store the information in cloud and access it from anywhere at anytime using the internet connection.

→ It is a combination of services oriented architecture and event driven architecture.

→ It is divided into following 2 parts :-

1) Front End

2) Back End





It has used cases as :-

1) Web applications :-

Most scalable and resilient applications using EC2 Auto scaling and elastic load balancing to ensure high availability.

2) Machine learning :-

Leverage EC2 instances with powerful GPU's for training and deploying ML Models.

3) High Performance Computing :- (HPC)

Perform complex simulations, financial modeling or any other compute intensive tasks using compute optimized instances.