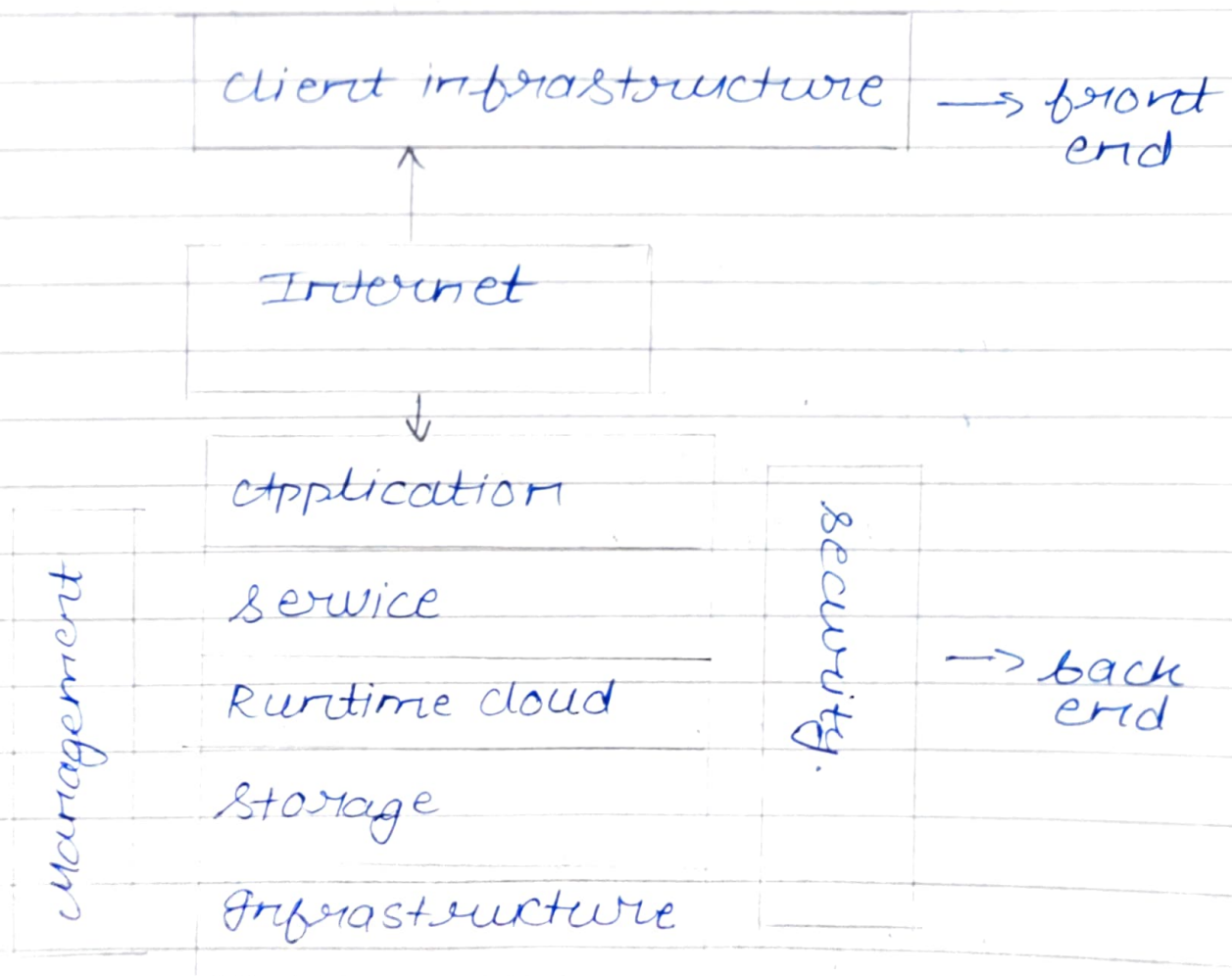


1] Cloud computing architecture ÷ As we know that cloud computing technology is used by both small and large scale organizations to store this information in cloud and access it from anywhere at anytime using internet

• It is a combination of service driven and event driven architecture

• It is divided into following 2 parts.

1] front end 2] backend.



- **frontend** : The front end is used by the client. It contains client side interfaces and applications that are required to access the cloud computing platforms.
- **backend** : The backend is used by the service provider. It manages all the resources that are required to provide cloud computing services. It includes a large amount of data storage, security mechanism etc.

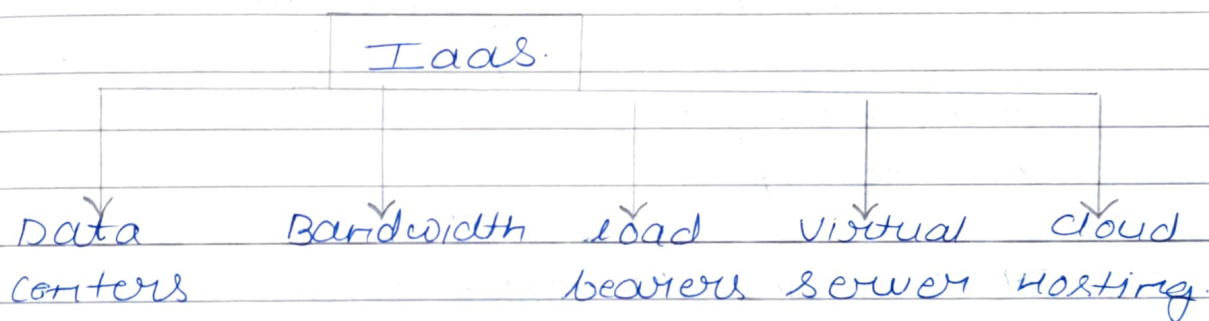
2] **IaaS** : Infrastructure as a service is a cloud computing model that provides a demand access to computing resources such as servers, storage, networking and visualization.

It is attractive because acquiring computing resources to run application or store data the traditional way requires time and capital. Organizations must purchase equipment through processes that can take months. They must invest in physical places like specialized rooms with power and cooling and after deploying the systems they need IT professionals to manage and maintain them. So it is recommended to use IaaS in such scenarios as it manages,

It manages ÷

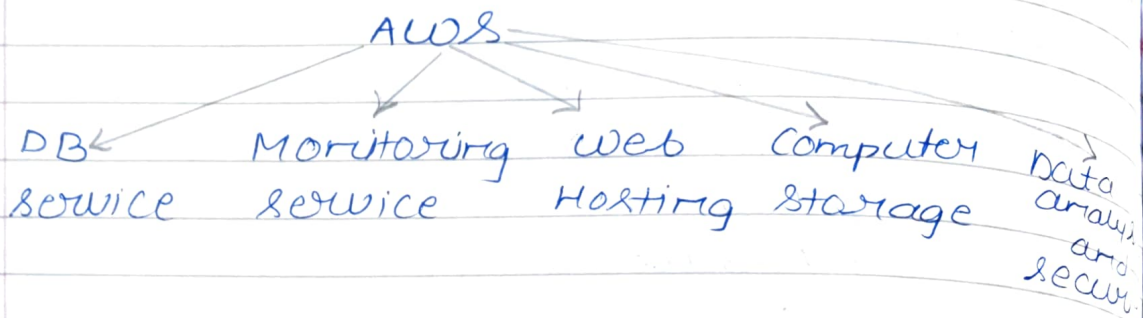
- 1] Applications
- 2] Data
- 3] Runtime
- 4] Middleware
- 5] OS

It delivers ÷



- 3] AWS ÷ It is the abbreviation used for Amazon Web Services. It offers a broad set of global based products including computer storage, analytics, Networking, mobile developer tool management, IoT, security, and enterprises applications. On demand available in seconds with pay-as-you-go pricing from data warehousing to deployment tools, directories to content delivery. Over 200 AWS services are there to avail.

New services can be provisioned quickly without the upfront fixed expense. This allows enterprises, start-ups, small and medium sized businesses and customers in public sectors to access the building blocks.



4] EC2 :- It is an abbreviation used for elastic cloud compute it is a web service that provides flexible compute capacity in the cloud making web scale. cloud computing easy for developers.

It is designed to enable developers to configure and scale computing capacity with minimal friction. by offering a variety of instance types tailored to different use cases, EC2 provides the flexibility to choose right mix of resources for our applications.

