L<https://www.youtube.com/watch?v=lTkL1oIMiaU>

ayered architecture

microservices

1. define compoents , organized and assemble them

2. communication between components (API And messaging)

3. Scalability, managable,perfomance i. non-functional

Architectural pattern.

level1 : Monolithic | Service based | distributed

level2 : layered Arch | micro services | Event driven based

layered Arch :

1. monolithic

2. layered is major component

3. also known as N-tier ac

Micro kernal architectural pattern

1. AKA plugin architectural pattern

2. major components : core system (like kernal , plugins)

ex ; browser , text editor

Service Oriented architectural pattern (SOA)

1. large enterprise system

2. coarse-grained services

3. integrating different heterogeneous

space-based architectural pattern

Ex : cloud implemented this architectural

1. hybrid of architectural pattern.

2. distributed caching – in memory data grid

3. Elastic scalable architectural pattern

Event driven based :

ex : health care system