Saffware Architecture

longeficity of a software-reliant system is largely deformined by its architecture. The arthitecture is right abstraction for performing orgains analysis throughout a system lifetime.

So, software is high level system design providing system level structural abstraction and quaility attributes which help in managing complexity. It allows us to mate engineering tradeast its not only

about its dunctionality, it is also about quality attributes. Buality attributes are properties that system needs for high quality such as its testor monce, availility, interaperability etc.

when we think about system, we have some business of mission goals of we like to implement it—to develope our software to get the system that satisfies us. The central rate atte

architecture shows us the way of implementing our business & mission goals. Implement 2. [] syleneot Design) System Business 7 Architecture mission goal Tombero Salisty Saliks Contral rate of Architecture so we can say that architecture-centric lines to business goals Pexplicity invalues system stake halders. The advancem -ent has happened over the years in architecture à its battern, Component, based approaches, fromework and its platforms and standard insterned are some at the advancement.

Some of the sattware herelopments trends such as application framework, after source, cloud, NOSAL, ML, Dashboards, Devaps etc. has brought some of the new technical challanges such as saftware assurance, and we can say that architecture is the enabler for trade-of-the analyses.

Moving to the first challance which is accelerating capability. In that architecture was developed incremently, the quility of the system was delivered as expected.

Quaility attributes are delivered from company and mission goals are properties at wart products or goals by which stateholders rate their quality, need to be delfined in a system.

1) Performance of availability
2) Interoperability.

3') Modificability

1') Usability

5') Security.

Other webite

Other quality aspects are included.

in Micro frontends, they are designed to bring the same microservices tonefield to the UI layer.

Conclusion, So, so Sabtware architecture begins in the 1980s and wast best to left until the early 2000 s, before our brave new world at social media, cloud computing, and everything the principles of software architecture a their impartance persist.

The architecture of a saffware.
reliant system determines its mality
and endurance.