



Software Architecture

VS

Software Design

- Software architecture is about the complete architecture of the overall system.
- Software architecture defines the fundamental properties.
- In general, it refers to the process of creating a high-level structure of a software system.
- It helps to define the high-level infrastructure of the software.
- Software architecture manages uncertainty.
- Software architecture is more about the design of the entire system.
- It is a plan which constrains software design to avoid known mistakes and it achieves one organization's business and technology strategy.
- Some of the software architecture patterns are microservice, serverless, and event-driven.
- The level of software architecture is the structure
- What we are building is software architecture.

- Software design is about designing individual modules/components.
- Software design defines the detailed properties.
- In general, it refers to the process of creating a specification of software artifact which will help developers to implement the software.
- It helps to implement the software.
- Software design avoids uncertainty.
- Software design is more about an individual module/component.
- It is considered one initial phase of the Software Development Cycle (SSDLC) and it gives a detailed idea to developers to implement consistent software.
- Some of the software design patterns are creational, structural, and behavioral.
- In one word the level of software design is implementation.
- How we are building is software design.