Software

Software is code, data & its documentation. **code** is the set of programs.

Engineering

The use of scientific knowledge in a productive way is known as engineering.

Software engineer

Software engineer is concerns to application development (coding)

System engineer

System engineer addresses both software and hardware.

Software engineering

Software engineering concerns with practicality of developing & delivering useful software.

Computer Science

Computer science concerns with theories & fundamentals of computer.

Software Process

Software Development Life Cycle (SDLC) is also known as the software process.

Models

Models solve different problems by using engineering rules of software.
Types of models:

- Waterfall model
- Incremental model
- Agile model

Attributes of good software:

All the non-functional requirements are the attributes of good software.

- Performance
- Flexibility
- Usability
- Scalability
- User friendly
- Security

Architecture

Architecture gives detail & minute description of components of software. Simply, architecture is the blueprint of software.

Framework

A framework is like a structure that provides a base for the application development process. With the help of a framework, you can avoid writing everything from scratch..