

IS vs other roles

Another definition of software engineering is as a discipline that implies the use of tools, structures, and techniques for software development, without forgetting the situation analysis, in other words; Why is the software being developed, what should comprise, requirements that need to be fulfilled, etc; This career extends over every phase of the software's development lifecycle.

On the other hand, Back-end is the development division assigned to make sure the logic behind a website or system works, in other words, everything that's non-visible to the user, the programming behind that allows a good website performance. This definition is extremely related to the concept of a majority of students (including me) have about S.E on first experiences. Despite having certain relations, misunderstanding Software engineering can leave you helpless against the rest of the career's content, especially in the project process.

When comparing both concepts, the difference gets clearer, software engineering has the advantage of having a general vision towards everything related to software and having a major focus on the development process. Even so, it has the disadvantage of not being focused entirely on the back end and therefore, doesn't have as much practical experience as the back-end developer.