

My personal reflections

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1.- IS vs Other Roles

For this topic we will reflect about the advantages and disadvantages of a software engineer regarding to a security software developer

It's important define that an security software developer is an individual who is responsible for analyzing software implementations and designs so as to identify and resolve any security issues that might exist and incorporates the appropriate security analysis during each part of the software creation cycle.

Although it is true that a security software developer has a specialization in that branch and that if a security problem arises, we can be sure that that person will be able to solve it without so many complications, unlike an IS that would have various problems, however, that same point would also have an advantage for an IS, since it does not specialize in a single role, but in many and that over time it can master all of them or at least reach a point where it can hold its own. security field and at the same time be performing other roles with the same level of understanding, security is an issue that not everyone can perform, unlike a Front End or Back End role to give an example. It is a reality that currently companies dedicated to security are looking for people who are specialized in this branch, since not everyone can be trusted with your data, which is why they are often among the best paid

2.- Reflection x2

As such, there is no predetermined methodology to carry out a reflection, but informally the way to carry it out is intuited, since it is similar to an investigation since it is made up of elements and true facts as well as a paraphrasing of that investigation, thus demonstrating understanding of the subject.

So if there is no specific form of a reflection, how can we identify that it is included in a paragraph? First of all, we must take into account that informally a reflection can bring some factual elements and even objective points of view.

We can identify it this way:

A specific topic is discussed, making a comparison with another topic that has the same or similar approach, exposing the differences and similarities between one area and another, as well as the advantages and disadvantages, exemplifying the point of view in a concrete way.

Let's take the example of my previous reflection, I compared the advantages of in IS and an SSD, in different areas and came to the reflection that security is the only specialization referring to those of DevOPS, Front End, Back End and Fullstack, that an IS could not perform properly as it covers many difficult topics to master

3.- Retrospective

When I started the Software engineering, I arrived that an IS is just a programator and i just going to coding, creating apps and i Will be working in a big company like Microsoft, Facebook or Google,etc. However as time went with help of fundamentals class i questioned if my definition of IS is correct, fortunately, I have a great teacher who cares about our learning and who not only spends his time reminding us that the trivial stereotypes by which we choose the career are not what we thought, but has also brought us professionals so that we can understand that a Software Engineer is much more than coding and creating apps, you have to know about many other specialties, from finance to entrepreneurship and administration, it is a world of possibilities in which you can decide what to specialize in, be it security, design of software structures, DevOPS developers, as well as now I don't have the idea that when I finish I will only be able to work in companies that already have weight in the industry but I will also be able to start my own projects