IS vs Otros Roles

Context: In recent years the areas of software development have greatly diversified, and this allows an individual to specialize in a certain area and consequently cover a certain role in a better way. Although a software engineer has the advantage of knowing extensively about software design, development, evaluation, and maintenance, they tend to have less specific knowledge of other crucial development areas, that is why other roles may fill this void by specializing in certain areas such as front end, back end, deployment, security, etc. Emphasizing the latter (security), someone specialized in the area of security, such as a security engineer, is expected to develop, plan, and execute security measures designed to protect an organization's network, computers, and data from various threats (MaryVille University), topics that software developers are not fully aware of.

Bearing this in mind, I consider that it is something positive that these diversifications exist, since the collaboration between roles greatly facilitates the deployment and improves the overall quality of a software; in particular, the area of security, which is by itself is very broad and from what I have observed (in the news is not uncommon to hear how some enterprise system was hacked, how some vulnerability in a very common module was exploited, etcetera), even if they are directed by experienced and competent software engineers, it is difficult for them to identify and keep up to date with absolutely all the most recent vulnerabilities discovered in various parts of a computer system, so the collaboration of someone specialized in this area has never been more essential.

References:

MaryVille University. Security Engineer vs. Software Engineer: A Guide. Retrieved from https://online.maryville.edu/blog/security-engineer-vs-software-engineer/