Unit 2: Reflection

After studying Unit 2, I am excited to apply the knowledge gained in this unit. Although my professional responsibilities are not directly linked to the development team, I can use Agile methodologies as a senior IT Infrastructure Engineer in daily projects.

Agile is a means of communication between stakeholders, promoting a clearer understanding of the software development process. However, Agile values and principles can be applied to IT network infrastructure components, making me think that using these principles in my day-to-day life will improve communication and interaction with other stakeholders within the company.

Another area of study in this unit that also captivated me was understanding the challenges related to software security, which is crucial in today's digital landscape, where threats constantly evolve. We can proactively design more secure systems while being aware of potential vulnerabilities.

In my day-to-day life, I use ISO/IEC standards a lot as a reference for management and IT standards within the IT department, mainly in ticket response, SLA with third parties, equipment handling, equipment delivery, and service response.

This week, I also spent some time exploring more in terms of reading and researching UML models with a focus on software weaknesses that can lead to security breaches, which was particularly attractive. Since I've always struggled with designing perfect diagrams, learning about their applicability has helped me understand them, and I am taking positive steps to improve my future diagrams.

I must also highlight study groups where commitment demonstrates a well-structured approach to learning. Including peer interaction through discussion posts adds an

interactive element to the learning process, allowing us to learn from our peers' perspectives and provide constructive feedback.

This week, I also responded to posts from my groupmates and received feedback on my posts from my colleague Sebastien.

The practical skills and theoretical knowledge constitute a solid basis for my continuous path in this unit. I look forward to further applying these skills to enhance my understanding of secure software development practices in future assignments.