

## **def IT\_pantry(): A Webinar Series for the Latest Web Technologies – Day 3**

On the last day of the def IT\_pantry() three-day webinar, the guest speakers, Mr. Yomul and Ms. Micaela Reyes talked about debugging web apps through selenium test automation and inspirational talk regarding software engineering and tech communities.

To sum up day three of the webinar, both the speakers highlighted the importance of the tech community for aspiring developers' careers. I have learned a lot about online communities I can join to ask for help, learn from, and join open projects. Mr. Yomul also showed some of his works like the mimic of invisibility cloak, object detection algorithm which gives a glimpse of how computers alone in the future can understand human language. I have also learned from his talk about the tools we can use when developing using Python. First is the pytest, which is used to test the code to write better programs. The pytest is also very helpful as it sees whether the function I will use functions as I expect it. The next is selenium python that is used to automate web application testing. We can use selenium to locate elements, click buttons, or search for specific information on web pages without us doing it. And to do that we will use elements. The things we have to download to use the selenium are the web driver (selenium), a browser driver such as gecko driver or chrome driver, and lastly is the browser. On the selenium testing example shown by Mr. Yomul, after running the code, the Google browser automatically opens, then searches for his name.

The next speaker, Ms. Reyes started her talk about her journey as a software engineer. What I learned from her journey is that every start is not easy. Challenges come, but to grow in the tech industry, it is important to think of possible solutions to address a problem, this approach will help me learn things. It is also important to work hard on skill gaps I might encounter. I need to develop skills needed for my role since working in the tech industry; since it is possible to be/promoted in a position that isn't aligned with what I learned. However, despite all the hardships, Ms. Reyes said that being a software engineer is a fulfilling job too. It helps you to develop a problem-solving mindset and practice logical and creative thinking. This career also teaches you to be persistent. A software engineer is also a lucrative career and allows you to work anywhere, even at home. And lastly, joining the python community would be very helpful as it can help you on your career path, by giving you advice and a platform to ask questions to developers that are in the industry.

