

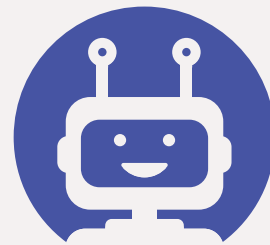
# INDUSTRIAL TALK: OVERVIEW OF ICT CAREERS IN CLARITY TECHWORKS

## INTRODUCTION

Finding a job after graduating with an IT degree can feel daunting. Even with a degree in hand, deciding where to work or what to do can be tricky. When starting a new job, it's normal to feel overwhelmed and unsure of yourself at first. Fortunately, Mr. Yee Soon Tuek offers great advice about various IT jobs and shares helpful tips and tricks!

You may be wondering, who is Mr. Yee Soon Tuek? He is the CTO of Clarity Techworks, a tech product company based in Singapore with branches in Malaysia. In a November 14th webinar, Mr. Yee Soon Tuek and his team discussed the applications they use, work-life balance, required skills, and most importantly, provided useful tips for those seeking IT jobs.

In this little poster, we'll share what we learned from "Industrial Talk 1: Overview of ICT Jobs in Clarity Techworks SDN BHD." Stay tuned for a recap of Mr. Yee Soon Tuek's career insights and advice!



## EXECUTIVE SUMMARY



The talk began with an introduction from Mr. Yee, Chief Technology Officer (CTO) of Clarity Techworks, a Fintech company whose main product is Rapidz Pay. Mr. Yee gave a brief explanation on the tech stack they use and expectation of employers towards fresh graduates.

The talk is then passed to five Mr. Yee's colleagues which are Ms. Liyana (QA Testing Analyst), Ms. Syarifah (UI/UX Designer), Mr. Ridwan (Android Developer), Ms. Izzah and Mr. Saiful (Web Developer). Firstly, each of them shared about their career journey and how they get into Clarity Techworks. Secondly, they talked about their job scope and daily work routine, giving an understanding on the tasks and responsibilities assigned to their position. Following that, they introduced the technologies used, providing an overview of key areas of study for future learning and development.

Furthermore, they discussed the differences between studies and working life and highlighted the challenges associated the transition from education into employment. They also shared about the proficiencies relevant to the job and emphasize on the importance of having those skills. They concluded with some advices on how to be success in this field and tips based on their experience.

## CONTENT

### WEB/API DEVELOPER

#### Jobscope:

The jobscope of Web Developer is to produce API (a program that allow computer program to communicate with each other) for external and internal use. Next, troubleshooting and solving problem in backend section. They are also responsible for creating, developing and enhancing web application.

#### Software used:



**VS Code:** Use to write code to develop computer program



**Slack:** for communication usually used by company



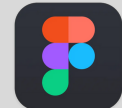
**SourceTree:** Manage branches

### UI/UX DESIGNER

#### Jobscope:

UI/UX Designers have to do UI/UX research such as make sure if the product meets the needs. Next, they have to do information architecture to navigate the workflow. Before doing the testing of the product, it is mandatory to wireframing and prototyping as it is the most important step before hands-off the product to developer. Finally, creating phrase keys and pull translation as the application need to be in multiple languages.

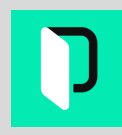
#### Software used:



**Figma:** Create design for application and website



**Postmark:** create an email to send to user



**Phrase:** convert the app languages

### ANDROID DEVELOPER

#### Jobscope:

The jobscope of the Android Developer is to implement a few new feature into the app. Then they are required to improve their code and resolve bug (if there is any) for the improvement of their application. After doing all this procedure, they can finally publish their application that have been created into the Google Play Store and write documentation of the project for future reference when doing research.

#### Software used:



**Google Play Console:** Publish application to google play store



**Bitbucket:** Help developer to store and manage codes



**Firebase console:** Monitor user application crashes and notification

### QA TESTING ANALYST

#### Jobscope:

The jobscope of QA Testing Analyst is to test the product functionality and performance. Then they will do documentation to provide reference for future testing. Finally, they will make a report to development team if there is any bug encountered during testing.

#### Advice:



- Build Strong Foundation: Know the basic of everything that relate to your work
- Be Curious: Will have motivation to learn something new
- Learn from Mistake: The most effective way to improve yourself
- Choose Wisely: Your choice will have consequence to your work

### STUDY / INTERNSHIP VS WORKLIFE



- During internship you have someone to teach or refer to while during work you will have no body you can always refer because everyone has their own work to be done thus have to be independent.
- Time management: During studies you have lots of free time but at work if you don't manage your time, thus you won't be able to finish the task on time.
- During study you can still make mistakes as you are still learning but at work you will have to hold the responsibility for the mistake that you have made.
- During studies, you will have long time given for assignment or task but at work limited time is given to finish your project.
- During study you will learn theoretically about the subject but at work you have to applied what you have learned practically.

### SKILLS NEEDED



- Communication: Most important is this job will be done in a team thus ensure that there is no miscommunication
- Critical Thinking: Required to analyze situation, decision making and solving problems
- Discipline: Have to manage time efficiently according to schedule for the task to be completed within time given
- Programming languages: Each programming language have their own function thus need to explore more on this section
- Creative: Produce a quality product and can help in coding efficiently

## REFLECTION



- From this industry talk, we learned about innovation is important along with society advancement. It can help many people's lives.
- Clarity Techworks able to solve social problems and enhances society's capacity to act.
- Technology such as Blockchain technology can allow everyone to conduct transactions with more confidence and more safe.
- Jobs in Information Communication Technology (ICT) can make the business more efficient, effective and promptly respond to customer's needs
- This can help to increase the standard of living and provided the people to have a opportunities for social life improvement.
- It can make their lives more convenient.
- Enhance a long-term benefit and value to Clarity Techworks clients and communities

## OUR TEAM



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