

TECHWORKS SDN BHD

Executive Summary

This poster presents an overview of ICT jobs in industry based on Industry Talk Webinar 3 by Clarity Techworks Sdn. Bhd.. The session highlighted real-world ICT roles such as software developers, UI/UX designers, and quality assurance analysts, as well as the technologies and working practices used in industry. Overall, the talk enhanced our understanding of how ICT professionals collaborate to support innovation and growth in modern industries.



Introduction



This session focuses on the industrial processes of Clarity Techworks Sdn. Bhd., a fintech company based in Malaysia and Singapore that created Rabids Pay, an integrated cryptocurrency payment ecosystem. The Chief Technology Officer, Yee Soon Tak, led the talk, sharing industry insights gained from over 23 years of expertise in software development and blockchain technology. Professionals from a variety of ICT areas, including mobile development, web and API engineering, UI/UX design, and quality assurance, discussed their real-world jobs, technologies used, and working processes in a modern tech organization.

ICT Job Roles in Industry

Clarity Techworks operates through multiple specialised ICT roles that collaborate using Agile and Scrum methodologies:

- **Web & API Developers**
- **Mobile Developers (Android & iOS)**
- **UI/UX Designers**

Research user needs and design intuitive interfaces using wireframes and prototypes.

- **Quality Assurance (QA) Analysts**

Test applications, detect bugs, and ensure software quality before public release.



Essential Skills for ICT Professionals

The speakers clarified that technical skills are insufficient for success in the ICT industry. Other personal and job qualities that professionals are expected to develop are:

- **Self-Learning:** Being able to learn independently as technology changes rapidly
- **Analytical Thinking:** Using logical thinking to analyse systems and solve problems
- **Communication:** Clearly explaining technical ideas to non-technical team members
- **Attention to Detail:** Noticing small issues that can affect system quality



Industry Technologies & Tools

The talk highlighted tools and technologies commonly used in a modern fintech company:

- **Programming:** PHP (Laravel), Kotlin, Swift, JavaScript, Solidity
- **Design:** Figma, Adobe XD
- **Databases:** MySQL, Redis, SQLite
- **Management & Collaboration:** Jira, Slack, Confluence
- **Version Control:** GitHub, Bitbucket



Reflections



Based on insights shared by Techworks Sdn. Bhd., we realised that ICT does not only involve coding, but ICT is one of the main drivers of industrial efficiency, innovation and growth. The session demonstrated how ICT professionals will connect the complicated business requirements to the user-friendly digital solutions, particularly within a fintech context.

We were also taught that ICT careers today need flexibility to new technologies, ability to work effectively in a team using Agile methodology and willingness to be an expert in self-learning. All in all, this presentation inspired us to see our future careers as ICT professionals not merely as programmers, but as solution providers who can make a significant contribution to a globalized and productive digital society.



Group Info

TECHNOVERSE TEAM



AZAM AHMED DIGALE
A24CS4092



Nishat Tabassum
A24CS4101



HAZILEN FIONA FRANCIS
A25CS0231



WAN NUR ANIS DAYANA BINTI NORFADIZ
A25CS0374

