

Overview of ICT Jobs in Industry

2 EXECUTIVE SUMMARY

This document outlines key initiatives from CelcomDigi Berhad, a leading Malaysian telecom innovator and RunCloud, a web server management platform. It also highlights leadership traits, metaverse advancements, and entrepreneurial strategies to drive innovation and readiness.

3 CELCOMDIGI TALK

Behavior of a leader

1. Have a clear vision of end game
2. Understand that we may be the problem
3. Know what we are entitled
4. Take care of each other
5. Be the last to speak



Metaverse

CelcomDigi Metaversity™ is a collaboration with the Ministry of Higher Education to bring metaverse, XR, and AI learning and education solutions to tertiary education. For example, medical students could practice surgery in a virtual environment.

- 1. AI (Artificial Intelligence) - simulation of human intelligence in machine that are programmed to think and learn like humans, exp: visual perception, speech recognition, problem solving and language translation
- 2. AR (Digital content from virtual world on top of real environment, proving info) and VR (Immersive virtual environments)
- 3. MR (mix of virtual and real environment)
- 4. XR (Extended Reality) - umbrella term that covers all immersive technologies, including virtual reality (VR), augmented reality (AR) and mixed reality (MR).



Industry talks were so appealing as CelcomDigi talk highlighted that ICT professionals drive advancements in AI, metaverse solutions and virtual surgery such as HoloMedicine, transforming sectors such as healthcare, education and business. Emerging fields like AI, AR, VR, MR and XR offer significant opportunities for impactful contributions. Moreover, the RunCloud Talk also provided motivational insights besides importance of ICT in entrepreneurial journey, emphasizing the importance of a positive mindset and supportive relationships in fostering growth. Mr Arif Tukiman's journey from a t-shirt business to success illustrates how small steps lead to larger goals, underscoring the value of leveraging personal skills. Embracing failure and taking immediate action are crucial for achieving success. Additionally, group projects offer real-world experience and SWOT analysis aids in informed decision-making.

In the CelcomDigi sharing session, the guest speaker emphasised on the metaverse and how it will and is impacting the industries by helping workers and also university students to observe and discuss their learning experiences through immersive learning experiences and create realistic simulations that can help them solve sophisticated problems in a more engaging way. Through the RunCloud sharing session the guest speaker, Arif Tukiman focused on the importance of surrounding oneself with a team-oriented environment and also to always step outside of one comfort zone to reach for success. His journey to create CoolCode that started as only a small startup idea in his university days while encountering a lot of setbacks turns out to be his most successful career was very impactful and it shows his grit on starting a business with ICT background without previous experience.

The CelcomDigi talk highlighted how technologies like AI, AR, VR and XR transform fields like education and healthcare, exemplified by initiatives such as CelcomDigi Metaversity™, where virtual environments enhance learning experiences. This shows that ICT is definitely playing an important role in driving innovation and creating meaningful impact across industries. Besides, the RunCloud Talk speaker highlighted the importance of taking initiative in ICT through sharing his entrepreneurial journey. Understanding business lifecycles, utilizing SWOT analysis and treating group projects as real-world experiences need to be practiced by ICT professionals in order to make meaningful industry contributions. Another important thing is that failures are learning opportunities. Success in ICT is not just about technical skills but also about having a positive mindset and the willingness to learn from mistakes.

The industries talk highlighted ICT's role in transforming industries and fostering innovation. CelcomDigi talk emphasized how AI, data analytics and 5G drive change and the importance of partnerships with tech companies, universities and government agencies. Leadership traits like courage, integrity and communication were essential for fostering innovation. Additionally, the need for continuous learning and adaptability in a rapidly evolving tech landscape was underscored. RunCloud talk showcased the value of simplifying cloud server management, maintaining a positive mindset, and building strong relationships for growth. Failures were seen as stepping stones, with perseverance driven by personal motivation. Group projects were framed as real-world experiences, promoting big thinking, quick action and SWOT analysis for informed decision-making and job readiness.

1 BACKGROUND



CelcomDigi Berhad is a leading telecommunications conglomerate and mobile service provider in Malaysia. With a vision to build the nation's most inspiring innovation ecosystem, the company collaborates with universities to nurture emerging talents, partners with tech companies to scale innovative solutions, and works with ministries and government agencies to drive transformative initiatives. CelcomDigi aims to lead the industry by transitioning from a telecommunications company (Telco) to a technology company (TechCo).



RunCloud is an advanced web server management panel designed for cloud servers like AWS (Amazon Web Service), DigitalOcean, Google Cloud Platform, Alibaba Cloud, and more. It serves as a powerful development tool for web developers, streamlining the processes of configuring, setting up cloud servers, and deploying web applications. With an emphasis on optimization, security, and user experience, RunCloud makes web server management and application deployment efficient and hassle-free.

4 RUNCLOUD TALK

- **Mindset and Positivity:** Maintain a positive attitude and surround yourself with uplifting influences. Building relationships with lecturers and peers promotes personal growth.
- **Entrepreneurial Journey:** The speaker, Arif's journey began with a t-shirt design business, highlighting the importance of using personal skills to generate income.
- **Failures and Motivation:** Failures are part of the process. Find motivation, like making parents proud, to keep going.
- **Job Readiness:** Treat group projects as real-world experiences.
- **Think Big and Act Now**
- **Business Insights:** Understand business lifecycles, use SWOT analysis for decision-making.

Strengths
Quality that sets us different from other competitors

Weaknesses
Things that our competitors better than us

Opportunities
Trends that an organization can exploit to achieve growth or success

Threats
Headwinds or challenges that might face

5 REFLECTION

What is the motivation/insights/information did you gain from this career talk on how the jobs in Information Communication Technology (ICT) is essential to play a meaningful role in industry?



Angela Ngu Xin Yi
A24CS0226



Arina Sofiah Binti Hamede
A24CS0227



Michelle Ho Chia Xin
A24CS0110



Mikael Haqimi Bin Nahar Junaidi
A24CS0111