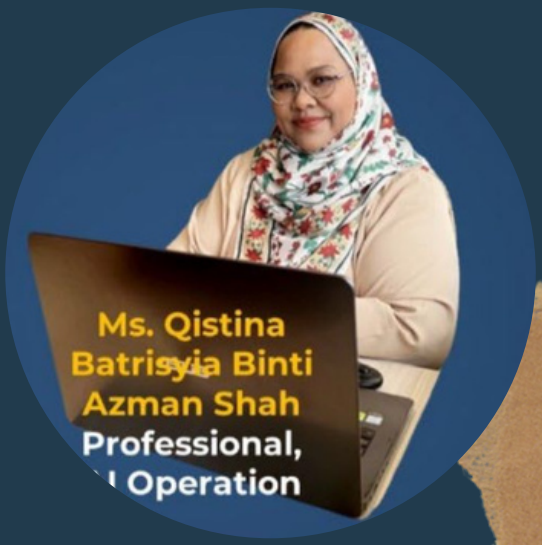
INDUSTRIAL TALK 2: SYSTEM DEVELOPMENT @ CREDENCE (TM SUBSIDIARIY)

28/12/2023 Thursday



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Section 04

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Description of Credence 's system development

1.Orchestrating Digital Innovation:

Credence's system development begins with a robust technological foundation, leveraging both local and international technologies. This approach ensures that Credence is equipped to address local customer requirements and challenges efficiently. The company's focus on tech infrastructure, cloud advisory, and IT landscape migration reflects its commitment to building a versatile and responsive digital ecosystem.

2.Platform and Technology Agnosticism:

A key aspect of Credence's system development lies in its platform and technology-agnostic approach. By remaining neutral and flexible in its technology choices, Credence positions itself as a customer-centric solution provider. This strategy ensures that solutions are tailored to customer needs rather than being dictated by a specific vendor bias, enhancing the adaptability and inclusivity of its offerings.

3.End-to-End Solutions:

Credence stands out by offering comprehensive end-to-end solutions, encapsulating everything from foundational tech infrastructure to advanced business insights. This holistic approach allows organizations to embark on their digital journey with confidence, knowing that Credence can cater to their mission-critical goals and priorities, ensuring a seamless and tailored digital transformation experience.

In summary, Credence's system development is a comprehensive and forward-looking endeavor, combining technological prowess, strategic partnerships, and a people-centric focus to empower enterprises and contribute to Malaysia's digital transformation journey.

History of Credence's system development

On 6 July 2022, Telekom Malaysia Berhad (TM) launched Credence, a new cloud and digital services company focused on expanding the capabilities of enterprises and the public sector in their digital transformation journey. Credence is led by Krish Datta, an experienced technology leader who joined TM in late 2021 to shape its new digital services arm. Leveraging TM's established resources, infrastructure, and its strong links to enterprises and the public sector, Credence is well-positioned to accelerate Malaysia's digital transformation journey.

Tool use in Credence's system development

A variety of tools and software are available for system development. It is essential to choose and comprehend the best technologies and tools to ensure that a system runs efficiently.

- Programming Language :
SQL ,Python , Bash Syntax

- Visualizations Tools :
Tableau, PowerBI , Metabase ,Superset

- ELT/ETL :
AirFlow ,Spark

- Database/OLAP :
PostgreSQL , ClickHouse , Fluid

Technology in Credence's system development

The Credence system optimizes data processing and storage using advanced programming languages like Python and Java, while prioritizing user experience and operability. Its interface is designed with responsive elements and human-computer interaction to ensure simplicity and ease of use. By incorporating MySQL database technology, Credence significantly enhances performance, reliability, meeting market demands effectively.

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Reflection (Each member)

Tan Jia Ying

On 28 December 2023, I attended an industrial talk titled System Development @ Credence. From the talk, I learnt the analytics and career in analytics. Analytics can apply in various fields, the career involved such as business analyst, data architect and so on. Besides, I also learnt the technology that we use everyday. From this industrial talk, I know that we must learn to work in teams to keep our motivation. Last but not least, we must be confident with ourselves and never give up to success in a field. I feel like I'm motivated after this talk and I will remember the 'tips' to keep my motivation always on. To become a system developer, I should learn more about programming so that I can have a good performing in this field.

Angie Wong Siaw Thing

On 28th December 2023, I attended a talk via Webex about the system development of Credence's system. I was impressed because there were many tools needed and effort they put in to develop the system. The talk also made me realise that we must work hard and keep on learning the knowledge about the technologies to make sure we are not outdated. To become a system developer in the next four years, I should learn the knowledge of computing, such as programming, databases and others. I should also always explore new information about technological development and do not give up in the learning process.

Ricky Tang Siet Hong

As a Malaysian, I am delighted to see a local company making steps of improvements in the field of technology. Especially from a famous local Internet Service Provider such as TM. I strongly believe that most of us have bad experiences sometimes surfing the Internet due to poor connection issues. I sincerely hope that TM could partner with more companies that are able to solve this problem. Not to mention the significance of TM working together with Credence, I hope there will be more benefits coming towards the users which should be served as the main priority for TM Malaysia.

Jiang Shang Xi

1.Learn a basic programming language (such as C++ or JavaScript).Master HTML and CSS, getting started with web development.Participate in small projects to gain practical programming experience.

2.Learn a backend programming language (such as Python's Django or Node.js).Understand database fundamentals and data management.

3.Choose a specialization, such as web development or mobile app development.Learn the basics of cloud computing and explore AWS or Azure.Participate in larger projects and seek internship opportunities.

4.Review data structures and algorithms, preparing for technical interviews.Deepen knowledge in emerging technologies, staying updated on industry trends.Engage in industry events to expand professional networks.

Ma Liwei

The experience of witnessing the development process of Credence'S system on 28 December 2023 and the utilization of advanced technology in the lecture has enlightened me about the importance of continuous learning to adapt to ever-evolving technological advancements. In order to excel as a future developer, it is crucial not only to possess exceptional programming skills but also to cultivate innovative thinking and problem-solving abilities, enabling us to effectively cater to customers' diverse requirements.

Muhamad Zulhilmi bin Jamari

Networking is the one most important because it considers creating a professional profile on platforms like LinkedIn, and showcases projects, skills, and achievements. Networking is an integral part of career growth, and an online presence can help connect with professionals in industry. The tech industry evolves rapidly so i need to be adaptable to change, and be open to learning new tools and methodologies. Moreover I need to stay updated with technology trends, that is, I need to keep myself informed about the latest technologies, programming languages, and frameworks relevant to system development.