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# CREDENCE'S SYSTEM DEVELOPMENT(TM SUBSIDIARY):

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### DESCRIPTION OF THE SYSTEM DEVELOPMENT:

Credence exemplifies a holistic approach to system development, emphasizing the seamless integration of advanced analytics, AI operations, and agile methodologies. This approach is centered around creating robust, scalable systems that are responsive to the fast-paced changes in the technology landscape. By focusing on continuous improvement and user-centric design, Credence's system development process ensures that the solutions they create are not only innovative but also practical and user-friendly.

#### **HISTORY:**

In year 2022, Telekom Malaysia (TM) has embarked on a challenging journey in building Credence. Credence is officially launched on 6th July 2022 focusing on giving insights and analytics to customers and provide them the understanding of digital transformation in enterprises of public and private sector. Not only that, Krish Datta, leader of Credence aims to address current tech skills gap by the help of Credence.

## TECHNOLOGY AND TOOL USE IN CREDENCE'S SYSTEM DEVELOPMENT:

Credence leverages a collection of state-of-the-art tools and technologies to maintain its competitive edge. This includes PostgreSQL and ClickHouse for database management, Tableau and PowerBI for data visualization, and Apache Airflow for ETL processes, all of which are vital to the company's system development framework. Additionally, the use of programming languages such as SQL, Python, and Bash further strengthens their technical infrastructure. These resources, integral to their operations, underscore the importance of these tools in their system development framework.

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#### **REFLECTIONS:**

#### 01 BEATRICE

I gain many insights from the talk but what caught my eye is the speaker's journey in achieving a career in analytics department. Through her hardwork and her experience in TMONE as social media analyst with a huge self-confidence. Nur Qistina, speaker for industrial talk 2 have also share her advices on embarking the working life after finishing her degree in University Technology Malaysia (UTM). She advise us to work in teams and be a curious person.

#### 02 ABHILASHINIE

During the industrial talk on system development at credence(TM SUBSIDIARY), Ms Qistina Batrisya binti Azman shah shared her experiences in the Analytics Industry. She discussed the challenges she faced during her degree journey and how they motivated her to improve. She emphasized the importance of not giving up in the face of challenges and being prepared to learn new things. She also highlighted the value of teamwork, self-confidence, and perseverance. This reflection on her career path has made me consider my own journey.

#### 03 VIBHUSHA

The industry talk on system development at Credence, has given me a clearer view on career pathways in analytics and the workplace culture or environment at the company. I have realised the significance of proactive engagement in expanding the knowledge base and professional network within the technology industry. In addition, I have learned that it is also essential to earn trust from higher officials which also relates to gaining more opportunities. Getting more exposure to the tools utilised by the technical teams is also equally important to make sure that we are up-to-date to the evolving technologies.

#### 04 ONG JIN YIE

Ms Qistina Batrisya binti Azman has shared about her journey to having a career in the analytics industry since her internship until now. She is a UTM alumnus who studied data engineering in 2016-2020. After a few years working, she now works as analytics delivery, and AI operation. Open communication, continuous learning and development, empowerment and autonomy, and celebration of success have become the workplace culture for Credence. These are the most significant parts where all of them can achieve a higher level for the next time either in projects or performances.

#### 05 ALNADHARI MUSTAFA

The Career Talk at Credence provided a personal realization of the multifaceted nature of a career in system development. It painted a clear image of how the integration of constant learning and collaboration is as essential as technical skills. Reflecting on this, I see that my path to becoming a system developer in the next years is not just about coding or mastering databases; it's also about cultivating a mindset geared towards perpetual growth and teamwork.

#### 06 AMR ALWAFI

The talk at Credence was a real eye-opener! Ms. Qistina shared her journey in the tech world, stressing that it's not just about being a whiz at coding. It's also about growing, working well with others, and staying on top of new tech. It made me think about my own path in system development. It's clear that to make it big, I've got to be ready to learn, adapt, and earn trust in the industry.

### HOW YOU WILL BE A SYSTEM DEVELOPER IN THE NEXT FOUR YEARS?

#### 01 BEATRICE

Firstly, I will definitely look more into the skills that a system developer should have and use 4 years of my degree life acquiring them. Next, I will also join clubs such as Google Developer Students Club and AIROST in order to gain more exposure on projects and working as teams. Since these are skills are a must to have in order to embark on a career as a system developer in the future.

#### 02 ABHILASHINIE

I aim to become a system developer by constantly learning and advancing in the software development field. I will specialize in programming languages, enhance my problemsolving abilities, and stay updated with the latest technologies and trends. Additionally, I will collaborate with fellow developers, engage in exciting projects, and consistently strive to better myself.

#### 03 VIBHUSHA

I'm looking forward to excelling as a system developer in the next four years. I will actively engage in continuous learning and networking, look for opportunities to build trust by delivering consistent results, and actively stay familiar with the latest tools and technologies used by our technical team. Furthermore, I will contribute deeply to projects, and try my best to have a deeper understanding in system development processes and enhance my skills to become a proficient and a professional in this field.

#### 04 ONG JIN YIE

For me, this talk is very useful as a new learner in the field of computer science. The part where she was sharing about what is analytics had gave me as a student who are new to computer science a mindset about data engineering and how it works. As a student, we are advised to be eager to learn and explore new things which could help to broaden our view. So, don't be afraid to learn new things, you won't know your potential unless you try it. Be confident with yourself and don't give up!

#### 05 ALNADHARI MUSTAFA

For me, the next few years will be about absorbing as much knowledge as possible, staying adaptable to new technologies, and honing my ability to communicate and collaborate effectively within a team. By embracing these values, I aim to not only become proficient in the technical aspects of system development but also to contribute to a positive, innovative workplace culture.

#### 06 AMR ALWAFI

Over the next four years, I see myself becoming a top-notch system developer. I'll be learning non-stop, networking, and delivering solid results. I'll keep up with the latest tech tools and dive deep into system development. I'm new to computer science, but I'm excited to learn more about data engineering. I'm ready to step out of my comfort zone and discover my potential. I'll also work on my team skills and adapt to new tech quickly. I'm all about mastering the tech side of things and creating a cool workplace vibe. I'm up for the challenge and ready to learn at every turn

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