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ONLINE - WEBEX

INDUSTRY TALK 2 SYSTEM DEVELOPMENT @ CREDENCE (TM SUBSIDIARY)

SPEAKER :

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ABOUT CREDENCE'S

- DESCRIPTION OF SYSTEM DEVELOPMENT
- HISTORY
- TECHNOLOGY
- TOOL USED



NAMES OF GROUP MEMBER :

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- ALICE LEE HUI MEE (A23CS0040)

DESCRIPTION OF SYSTEM DEVELOPMENT

- Analytics is the process of analysing data systematically to obtain visualisation and useful insights. Data that is analysed often comes from databases, external data such as open-source platforms, and social media data.
- Data Collection – Collect required data and places it into a base such as data lakes and databases.
- Data Transformation – Used in ELT and ETL processes where data is converted into useable forms.
- Analytics and Modelling – Build modelling for projects that need predictions.
- Prediction and Visualisation – Create all data into a visualised form to make it easier to understand.
- There are three levels of insights, being strategic, tactical, and operational depending on the who the stakeholder is.

CAREER IN ANALYTICS

- Business Analyst
- Data Engineer
- Data Analyst
- Data Architect
- Data Scientist
- Business Intelligence Developer

HISTORY...

On 6 July 2022, Credence emerged as a company specializing in cloud and digital services. Its launch included collaborations with VMware, AWS, and Huawei, providing tailored solutions to local and international businesses.

Since its launch, Credence has introduced services such as consulting, implementation, managed services, and skills development. They address global market demands while also acknowledging local challenges. With end-to-end suite, Credence has accelerated businesses' analytics journeys by providing tools, talent, and insights to overcome challenges.

References:

<https://www.tmone.com.my/resources/news/an-introduction-to-credences-capabilities-in-analytics/>

TECHNOLOGY AND TOOL USED IN CREDENCE'S SYSTEM DEVELOPMENT

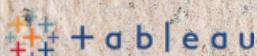
Database / OLAP:



ETL / ELT:



Visualization tools:



Programming language:



Reflection



From this talk, I can predict how I will be successful on become a system developer in the next four years. To become the one that I desired, I need to keep learning and developing more skills such as problem-solving skills and communication skills. Moreover, I gain more spirit and strong mindset to stay on this platform and get used to all the tools and technologies that are provided. Additionally, staying ethically conscious and being mindful of the evolving technology landscape will be essential in navigating the challenges of system development. In conclusion, be a proactive and strategic approach to personal and professional growth can pave the way for a rewarding and successful career in system development.

From the talk, I can see a clearer picture of how I will be a system developer in the next four years. In the mean time, I need to keep learning and mastering lots of programming languages like Phyton that are mainly used by system developers. Besides, I also have to engage with the technologies and tools used, including databases like Druid, visualisations like Metabase, and many more. In addition, I need to work on soft skills such as communication skills and real-life problem-solving skills, as I will have to work with other people and in a team to produce the best solution for each problem. In short, continuous learning and development in all these skills are significant to ensuring that I could be a professional system developer in the next four years.



From this talk, I have clearer directions about how I will be a system developer in the next four years. First and foremost, I should keep working hard in playing my current role, which is strengthening my basic knowledge in the aspect of computer science. It is necessary for me to keep dealing with programming languages like C++ and Python. At the same time, I would like to strengthen my soft skills. For instance, I am learning how to be a qualified leader and develop a good relationship with my team members. This is to get myself well-prepared to deal with all kinds of people in my future job. Furthermore, I would like to gain more experience by having internships at some companies. Before graduation, maybe I would explore opportunities for entrepreneurship, like starting my own freelance consulting firm regarding system development. In short, becoming a qualified and professional system developer is a long journey, as we have to keep learning and improving.

In the next four years, I plan to continuously learn and gain more knowledge such as emerging technologies, programming languages, and frameworks in system development. From the talk, I also realised the importance of gaining practical experience through hands-on practice and internships before securing a job. Apart from programming skills, I will also actively develop and master soft skills such as communication skills, time management skills, and problem-solving skills. I aim to contribute meaningfully to the evolving tech industry as a skilled and proficient system developer.



After hearing the talk, I've realized the key to becoming a successful system developer in the next four years is to focus on building a solid foundation in computer science. I now see the importance of gaining practical experience through internships and setting clear goals for myself. I understand the value of strategic planning and the emphasis on teamwork and interpersonal skills. I'm committed to fully grasping technology and information systems while continually improving my skills. I aim to be adaptable, following industry best practices for ongoing development, just as the speaker highlighted. This talk has motivated me to shape my path towards becoming an excellent system developer.