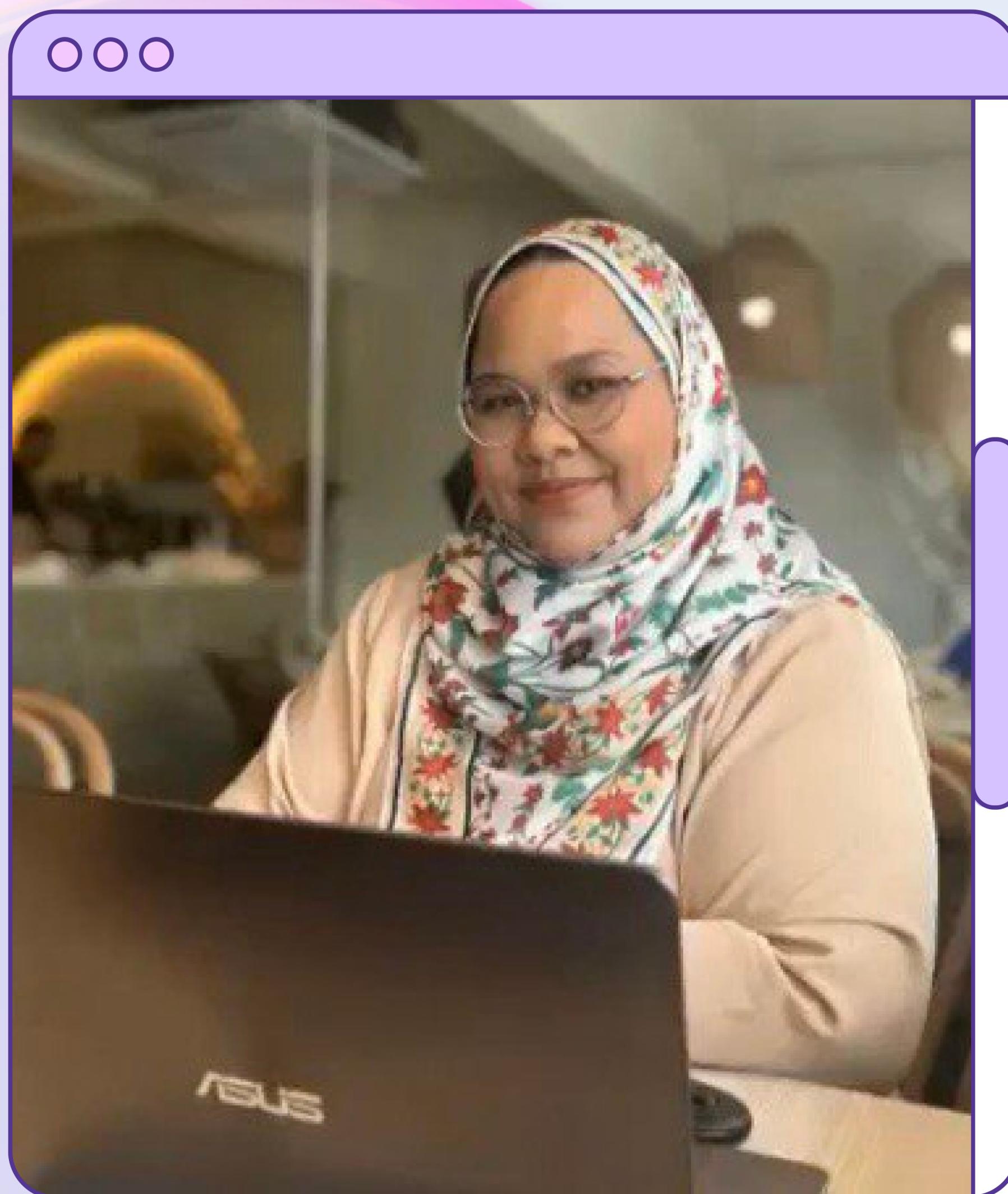


SYSTEM DEVELOPMENT

Industrial Talk 4
Ms. Qistina Batrisyia



**Transformation
Done Right**

CREDENCE BY TELEKOM MALAYSIA BERHAD



Prepared by :

Group 1

1. ANG CHUN WEI (A23CS0046)
2. JAYADHANYA A/P VIJAYALINGAM (A23CS0092)
3. MUHAMMAD HAZIQ BIN MOHD HAFIZAL (A23CS0132)
4. NAZATUL NADHIRAH BINTI SABTU (A23CS0144)
5. WAN NUR RAUDHAH BINTI MASZMANIE (A23CS0195)



SYSTEM DEVELOPMENT

INDUSTRIAL TALK 2 BY MS.QISTINA BATRISYIA BINTI AZMAN SHAH

Description

Determining, creating, testing, and putting into practice a new software application or programme is the process known as systems development. It can entail building database systems, developing specialised systems internally, or purchasing software that was built by a third party.

According to the talk given by Ms Qistina, an overview of the complexity involved in drawing conclusions from data is given by the analytics process, which includes data collection, processing, modelling, and visualisation. She ends by stressing how crucial it is to provide stakeholders with insights after the visualisation process is complete. She define analytics as the systematic analysis of data to extract meaningful insights and make informed decisions, emphasizing its broad applications.

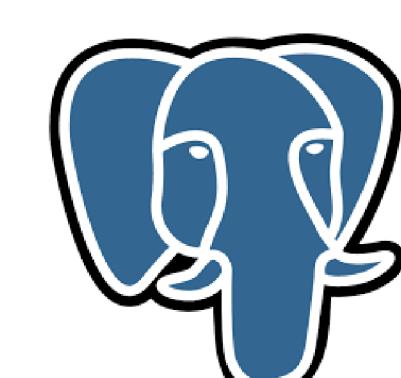
History

On July 6, 2022, Telekom Malaysia Berhad (TM) established Credence, a cloud and digital services company, with the goal of improving the digital capabilities of businesses and the public sector. TM aspires to be a holistic digital solutions provider and emphasises Credence's role in speeding Malaysia's digital transformation journey. Credence is led by Krish Datta, who was hired in late 2021, and uses TM's resources, infrastructure, and ties to corporations and the government sector. The company specialises in providing end-to-end digital solutions that include technology infrastructure, business insights, cloud consultancy, IT landscape transformation, SaaS, managed services, and analytics.

Credence focuses on a customer-centric approach where they meet organizations and give a customised solution. Credence's key partnerships with VMware, AWS, and Huawei helps enable customised solutions to enterprises for their specific growth needs. Credence has teamed up with VMware to launch Malaysia's first sovereign cloud service, which ensures data sovereignty. Furthermore, the company has expanded TM's Cloud Alpha Edge products in order to become a top government cloud service provider. Beyond technology, Credence wants to close the digital skills gap by making targeted recruitment and transferring skill sets in order to cultivate the next generation of tech workers, in line with Malaysia's Digital Malaysia ambitions.

Technology and Tools Used

Database/OLAP



PostgreSQL



ClickHouse



Druid

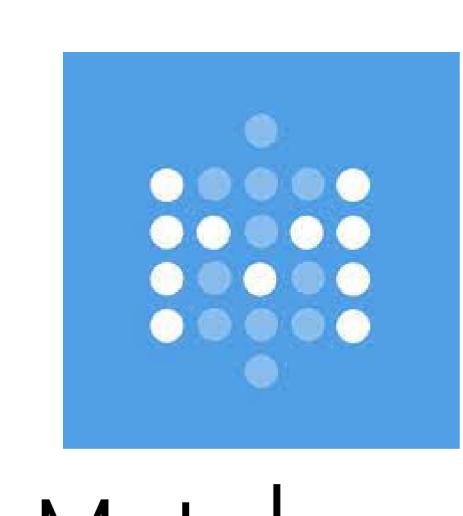
Visualization Tools



Tableau



PowerBI



Metabase

ETL/ELT



spark

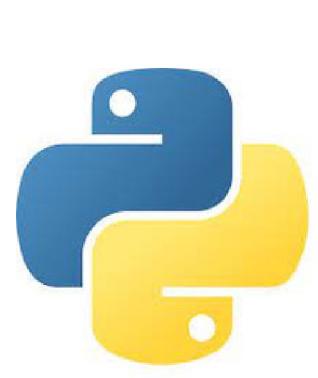


Airflow

Programming language



Bash



Python



SQL



Reflection

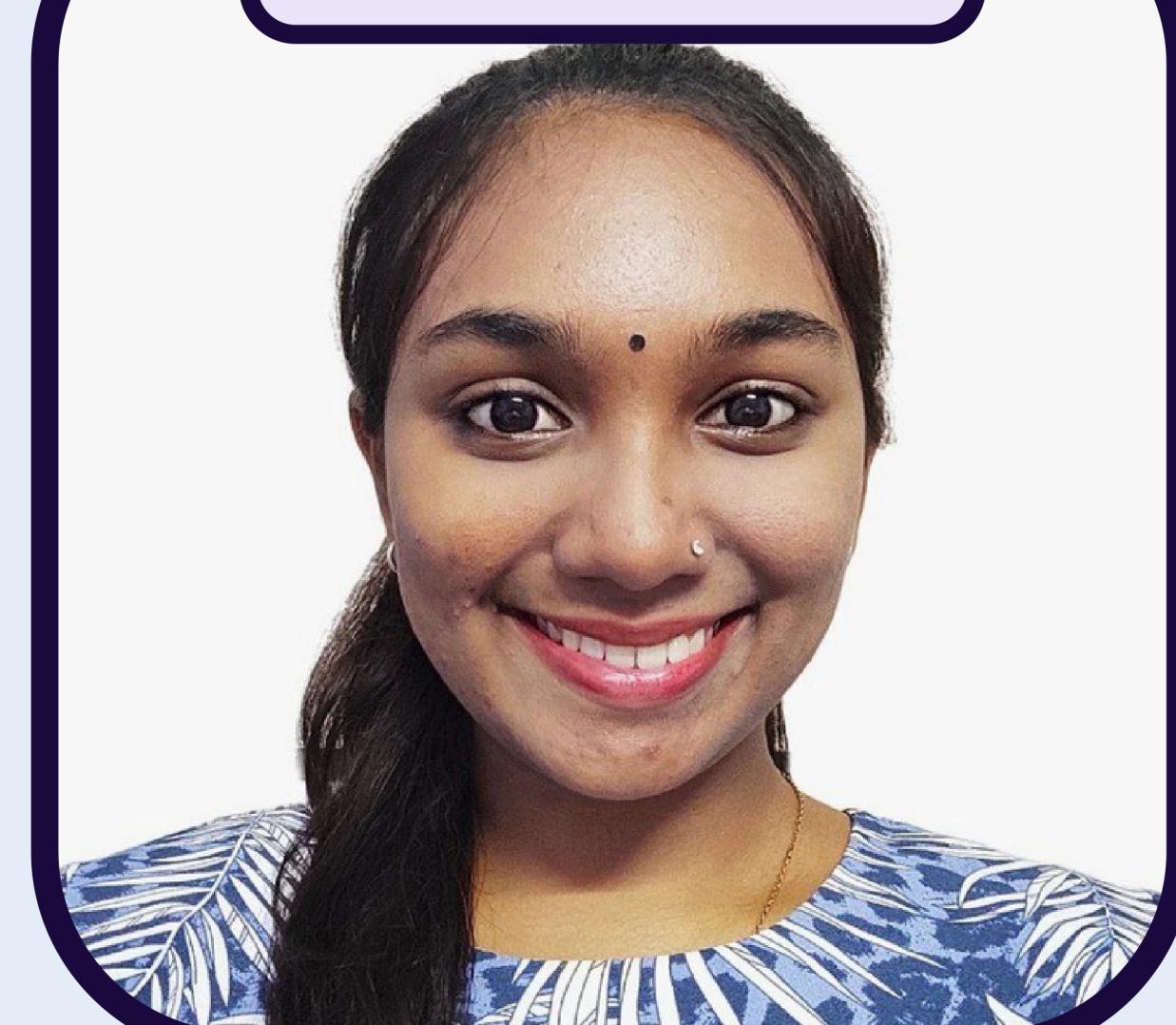
Ang



As a first-year university student, my vision for the next four years involves a strategic blend of academic excellence and practical experience in the pursuit of becoming a proficient programmer. I plan to grasp foundational programming principles during my coursework, laying the groundwork for advanced studies. Engaging in university projects and internships that will offer hands-on experience and broaden my skill set. Embracing a diverse range of programming languages and staying updated on emerging technologies will be integral. Recognizing the significance of soft skills, I aim to cultivate effective communication and teamwork abilities. Balancing technical process with a holistic development approach, my goal is to graduate as a well-rounded system developer equipped for the dynamic challenges of the industry.

This talk proved to me how devoted I should be as well as the numerous skills I need to learn and improve. I need to enhance my knowledge in programming languages such as C++, Java, and Python. I must devote my time and energy to learning both the theory and the practical aspects of system development. I need to go beyond my current studies and take the initiative to master specific system development skills so that I may be a more efficient system developer in the future. Furthermore, I must keep up with the latest technology because it affects how I will create a system at that time by implementing the latest tools and technologies. In order to develop strong work habits over the following four years, I must also be able to manage large projects and work in groups.

Jayadhanya



Haziq



Over the next four years, I plan to grow as a systems developer by learning new technologies, working on real projects, and collaborating with others. I will focus on improving my coding skills, understanding system design, and communicating effectively with different teams. I also want to participate in community events, like hackathons, to gain hands-on experience and stay informed about industry trends. Adaptability and openness to challenges are important as technology is constantly evolving. Overall, my goal is to continuously learn, contribute to projects, and become a competent and flexible systems developer.

Naza



First and foremost, I believe I should hone and master abilities like creativity, emotional intelligence, critical thinking, and problem solving. You need to learn more about technology if you want to be an excellent system developer. In addition, staying up to date with modern technology and gaining practical experience through projects or internships are imperative within the four-year period. A successful path to becoming an experienced system developer can be aided by setting clear goals and adapting to the rapidly evolving technology landscape.

Raudhah



To become a competent system developer, I must improve my capacity to handle projects involving a variety of individuals with varying skill sets and to work in groups throughout the course of the next four years. Additionally, I'm concentrating on developing my proficiency in programming languages like Python, C++, and Java, which might be very helpful in this line of work. I must therefore maintain my connections with other professionals and other developers in order to share innovative ideas and to assist me obtain better opportunities in the field.