



CLOUD COMPUTING

November 27, 2021

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CLOUD COMPUTING
SERVICE PROVIDERS

 Microsoft Azure



Google Cloud Platform



IBM Cloud



KAMATERA
PERFORMANCE CLOUD



Alibaba Cloud

EXAMPLES OF CLOUD COMPUTING SERVICE PROVIDERS

1- Microsoft Azure : It is a rapid and flexible public cloud computing platform that provides cloud services including storage, analytic and networking, and It was released on the 1st of February 2010.

What makes this cloud platform special is the affordability, you only pay for what you use.

However, lots of people find it a little bit complicated to use and understand at first but they get used to it eventually.

2- Google Cloud Platform (GCP) : It is a public Cloud Computing services which offered by Google

It was released on the 7th of April 2008, GCP offers several types of services such as Google Compute Engine which is an IaaS, Google app Engine which is a PaaS and Google Cloud storage which designed to store huge data sets.

Google Cloud Platform is an easy use platform, but It is quite expensive at the same time

3- IBM Cloud :

IBM Cloud is a private cloud which was launched on the 7th of April 2011 and it helps businesses manage applications and data across public, private, and hybrid cloud environments and this cloud is known for the well opened and secured cloud for business.

IBM Cloud Services is also an affordable which is " Pay as you go " and that means you only pay for what you use

4- Kamatera :

Kamatera is a cloud services platform which provides, enterprise-grade cloud infrastructure products to organizations, lots of people have good experience with Kamatera and find it trustworthy, It gives you a 30 day free trial to exam the services before you pay anything.

And it is one of the most affordable cloud services

5- Alibaba Cloud :

Alibaba Cloud is one of the largest clouds on market and it owned by Alibaba Group, it was founded and released in September 2009.

It is a private and affordable cloud that provides Cloud Computing services including network, analytic, security, database and lots of different software services.



photo from <https://timesofcloud.com/what-is-cloud-computing/>

SUMMARY

Cloud computing offer numerous benefits. Cloud computing functions as software-based infrastructure rather than hardware-based infrastructure. Software infrastructure is more flexible than hardware and can be changed more rapidly, conveniently, and cost-effectively. This overcomes the disadvantages of infrastructure as hardware, which need space, employees, physical security, planning, capital investment and the maintaining. Amazon Web Services (AWS) is a secure cloud platform that provides a diverse range of worldwide cloud-based products.

ISSUE DISCUSSED

Cloud computing as a better solution

Firstly, instead of investing in a data centre based on estimates, cloud computing allows customers to simply pay for what they use. Second, because of the aggregate consumption of customers, cloud computing can provide huge economies of scale, allowing them to offer a lower price to their customers. Furthermore, could computing allows their customers to stop guessing capacity since cloud computing is scalability. Customers can also get their resources in just a short time.

Besides, instead of maintaining a data centre, customers can invest their money into their firm. Finally, in only a few minutes, business can go worldwide. AWS has servers all around the world and numerous data centres.

REFLECTION

Cloud computing is the on-demand availability of computer system resources. Allowing the customer to access resources online include data storage and networking. Cloud computing is very useful toward businesses, because it helps business to store data easily and affordably. It helps businesses save money by reducing the expense of maintaining data centres and moving everything online, going global in a minute, allowing them to embrace technology.

AWS Cloud Services is one of the most popular cloud computing services. AWS offers an easy-using and efficient cloud computing platform. I get to see how beneficial cloud computing is after listening to this industrial talk. People no longer need to install a physical server or data centre, instead, cloud computing services enable users to access those applications just with a click on a computer.



AWS CLOUD COMPUTING SERVICE PROVIDER

Amazon Web Services (AWS) is a secure cloud platform that provides a diverse range of worldwide cloud-based products.

Customer can pick a cloud service model depend on how much control on IT resources that customer wish to have. There are also several cloud computing deployment models, including cloud, hybrid, and on premise. Allowing customers to choose based on their needs.

AWS provides a wide range of service. The services that AWS provide is compute, security, storage, database and network which is same with traditional IT. AWS also provide management and governance and cost management services.

There are 3 ways to interact with AWS which is AWS management console, command line Interface and Software Development Kits.

INDUSTRIAL TALK 4

Group 2 Newsletter



Photo by UNIBOA on Unsplash

Summary

On 18th November 2021, an Industrial Talk was given by Dr. Ruzimi Mohamed, founder of OZEL sdn. bhd. on the topic of "Current trends of Augmented Reality in industry". The primary topics of the discussion included the industry's future of augmented reality, different types of augmented reality, and job prospects in augmented reality-related fields.

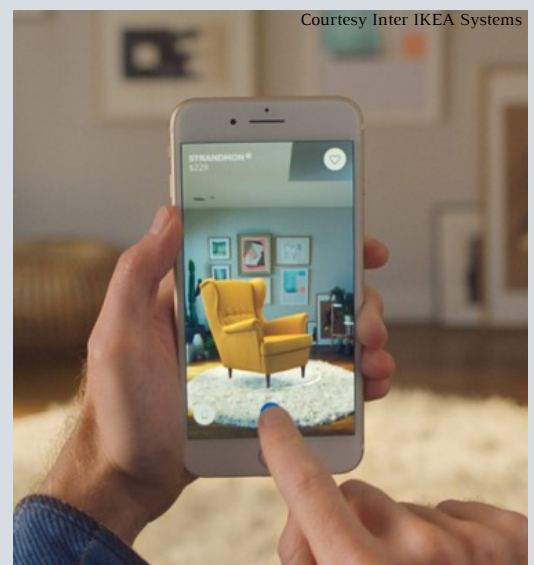
Issues Discussed

An issue that was discussed was changes in career opportunities in IR 4.0. First, he outlined critical skills for future occupations once the shift to IR 4.0 is complete. Complex problem solving, creativity, people management, and emotional intelligence are a few examples. Furthermore, he also discussed common positions in AR related work such as AR/VR content developer and designer, animator and sound artists specializing in AR/VR.

After that, he discussed the issue related to machines taking human jobs. More specifically he discussed "3 key areas where humans beat machines that are the key to future job creation" which are creative endeavors, social interaction, and physical dexterity and mobility. Next, the topic "5 things to consider when choosing your career" was discussed to identify whether a job is future-proof or not. One of these things to think about is choosing a career that robots still can't do well, such as positions that need creativity, problem solving, and connecting with other people on a human level, as these are areas where humans outperform machines.

Reflection

Based on what I learned throughout the talk, I believe that augmented reality is beneficial to human life in terms of how information is displayed and how humans can easily engage with both the physical and digital worlds. Augmented reality has the potential to transform the way we present and receive information. In the medical field, for example, employing augmented reality to display the inside of a human body in three dimensions enables for easier and more in-depth diagnoses because medical experts can interact with the display, such as zooming into the 3d object for a closer look.



Courtesy Inter IKEA Systems

GROUP MEMBERS

Ammar Bin Jamalludin - A21EC0160
Ahmed sherif ahmed abdelnaby - A20EC4066
Saeed Abdullah Bahattab - A21EC4017
Lai Foo Zheng - A21EC0040
Wong Xiu Ying - A21EC0239