

INDUSTRIAL TALK 4 REVIEW: THE BRIGHT FUTURE FOR AUGMENTED REALITY

QUICK OVERVIEW

On November 18th, 2021, the Technology & Information System coordinator from Universiti Teknologi Malaysia has held the 4th Industrial Talk with Dr. Ruzimi Mohamed, founder of OZEL Sdn Bhd. For a brief summary, OZEL Sdn Bhd is a Malaysian technology company focused on augmented reality (AR) technology to provide products for education to children and students with disabilities. With the topic "Current Trends of Augmented Reality in Industry", this talk will discuss mainly augmented reality and its current implementation in different fields.



Dr. Ruzimi Mohammed
Source : Sinar Plus

THE MAIN TOPIC

The talk starts with a brief introduction of Dr. Ruzimi. Even though he has had a physical challenge since born, he was able to successfully graduate from UTM and founded the company. He also won many business contests, like Road2Growth Business Idea Challenge in 2018, Digital Creator Content Challenge in 2019, MyHackhaton in 2020, and many more. Then, he discusses the main event of the talk, augmented reality or AR. Firstly, he explained about AR as one of the core technology in Industrial Revolution 4.0 (IR 4.0). He also discusses the prediction for technology adaptation in 2025, like the usage of 3D printers, further internet adaptations, autonomous vehicles, and many more. Also in that part, AR is predicted to gain more revenue by 2025, largely in the videogame segment. Next, he showcased some adaptations of AR in different cases, like education, healthcare, metaverse, e-commerce, and many more. He also showcases different types of AR, whether it's based on marker, projection, or superimposition. Finally, Dr. Ruzimi discusses the worker's position in the AR business and their advantages compared to machines in future creations. Later on, he also told the audiences about the skills they need to have as a worker in IR 4.0 and some considerations for achieving careers in the upcoming future.



Augmented reality adaptation in the creation of the metaverse
Source : YouTube

THE UPCOMING VISION AND REFLECTION

Based on this industrial talk, we can learn that AR has a lot of potential for new innovations. Later in the future, AR will be a standard gadget for our everyday life and it will help us alongside other core technologies of IR 4.0. It will be used on many occasions, such as AR maps for more precise navigation, AR preview of an e-commerce product to adjust the look of your home, and many more. We hope that there are more companies that'll develop more assets to AR technologies. Not only assets of AR, but there are many skills that need to develop by the future workers in IR 4.0. Thanks to this talk, we can consider AR as one of the options for our future careers.



Augmented reality adaptation navigation
Source : YouTube

CREDITS

- Industrial Talk 4 slides & video
- https://1001tutorial.com/wp-content/uploads/2021/06/abstract-creative-illustration-with-augmented-reality-phone-vector-illustration_122058-17.jpg
- <https://www.youtube.com/watch?v=WxzcD04rwc8>
- <https://stgsinarplus.sinarharian.com.my/uncategorized/semangat-juang-dr-ruzimi-ini-wajar-diconthi-tiada-kaki-dan-tangan-kiri-tidak-halang-cipta-aplikasi-khas-oku/>

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