

# NEWSLETTER

18 January 2024



## TECHNOLOGIES DISCUSSED

There are several technologies used during development, like Swift for the Apple ecosystem, Kotlin for Android, PHP with Laravel as a framework, Vue.js, Inertia.js, Typescript, and SASS for web and API. For databases, they used MySQL, Redis, SQLite, and also MongoDB. They used CI/CD and automated tests for DevOps. Clarity Techworks does not run their own servers; instead, they use cloud hosting from Digital Ocean and Cloudflare. All of their servers ran Linux (Ubuntu) and nginx. For blockchain technology, they used Solidity as their programming language for smart contracts, ERC20 and ERC721 for Ethereum smart contracts, BEP20 for Binance smart contracts, and also web3.js, which allows the web to interface with blockchain technologies.



## SUMMARY

This industrial visit has given us the idea of working for a technology company in a variety of positions, such as Android developer, web developer, UI/UX designer, and much more. We are lucky to have people from different positions to share about their job scope and the details of it. The CTO of the company, Mr. Yee Soon Tuck, also shared his knowledge and experience. Clarity Techworks is a tech company based in Singapore and Malaysia. Their role is to transform financial services, attracting market and media attention. They also play a role in applying advanced technology to reduce risk, improve operational efficiency, and integrate critical applications.



## ISSUE DISCUSSED

During the visit, every I.T. position in there, such as front end or back end, tells us what task they are handling and also provides a demo of what they are doing. We also get to know how their workplace environments are. As far as we knew that day, their workplace had just opened the day before, and that meant it was new.

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## REFLECTION(MICHAEL SIAHAAN)

Visiting Clarity Techworks was an eye opening experience and a great learning opportunity because we get to meet experienced people in their own field and talk to them about their jobs. They also gave us many advice so we could improve ourselves. To conclude, we had a great time during our visit and it was a great experience learning from them.



## REFLECTION(CH'NG SENG HONG)

Clarity Techworks provide a very good opportunity for us university student to explore what will be our future carrier and allowed us to improved ourselves and move towards our target. Besides, after the talk from different department, we learnt that cooperative is very important in a team instead of just work alone.,1+1 is always greater than two.

## REFLECTION (RAZQA MUHAMMAD)

The visit to Clarity Techworks gave us an extremely valuable insight on how the Information and technology industry operates on a daily basis, until its managerial works. We can directly see that one of the most important thing to remember when working in a professional environment is communication. Good teamwork is a thing that we can not overlook.

## REFLECTION(CHANG WEN XUEN)

Meeting professionals and witnessing the practical application of theoretical concepts bridged the gap between academia and real-world solutions. This visit also highlighted the significance of soft skills like communication and adaptability in a team. Overall, it was a experience that deepened my understanding and motivated me to approach my studies with more passionate.



## REFLECTION (MIFTAHUL R)

From visiting Clarity Techworks, I've learned that every role in I.T used diffrent tools and technology to help them do their job. In addition, from several advice that I got, one of the most insightful is that is to enrich your knowledge on one role. The deeper your knowledge are, the more valuable you become. Overall, this visit gave me handful insight to pursue my carrer.

## REFLECTION (TAN QING QING)

Visiting Clarity Techworks left a lasting memory for us. The thing that motivated me most was a talk from Mr. Yee. He really benefits us a lot. I also admire every member of this company. Their dedication and professionalism make me want to be like them. This visit also helped me a lot, allowing me to have a better understanding of the Information Technology (IT) and what I want when deciding on my future career.

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