CLARITY TECHWORKS SDN BHD

INTRODUCTION

Clarity Techworks is a Fintech company that is based in Malaysia and Singapore. The Singapore office was opened in 2020, and the Malaysia office was established in 2022, which is located in Iskandar Puteri. The main product of Clarity Techworks is Rapidz Pay. Rapidz Pay is a cryptocurrency payment and digital assets ecosystem that comprises a mobile wallet app that supports different types of cryptocurrency and a retail cashier app that allows cashiers to process payments.

EXECUTIVE SUMMARY

To summarize, each speaker in this talk provided an overview of ICT jobs at Clarity Techworks. They also explained their roles and responsibilities within their department, as well as the software they use to perform their jobs, such as Figma, Slack, and others. They also explained the differences between studies, internship and work-life after graduation to give students some insights about their experiences and the working culture in a company. Besides, they also emphasize some of the soft skills that are important in their job scopes, such as communication skills that help them communicate with their colleagues easily, creativity, attention to detail, and others. Last but not least, each speaker gave some tips and advice to the students about what they can do before they graduate to improve themselves and secure a job in the future, even though some of the speakers are currently working in a different field from what they learnt during their degree.

ANDROID DEVELOPER

The android developers are the people who develop mobile applications for Android phones and tablets by the use of Android Studio, programming languages such as Kotlin or Java. They spend their time implement new features and resolve bug issues.They also keep abreast of new technology and update their applications before posting them online for users to download through the Google Play Store.

QA TESTING ANALYST

A QA Testing Analyst team is responsible for ensuring that products meet high-quality standards and are free of bugs before they are released to customers. In their daily work, they need to create test cases and test the functionality of products to ensure that the results are accurate and meet the requirements. If any bugs occur during the testing process, they have to provide detailed information to the development team to fix the bugs. Therefore, in order to perform their tasks effectively, analytical skills, documentation skills, time management and attention to detail are very important for them, so that they can become the last line of defense and ensure high-quality products.

CHIEF TECHNOLOGY OFFICER

A Chief Technology Officer (CTO) is a senior executive who is responsible for the technology needs of an organization. The CTO ensures that technology supports the company's business goals and long-term vision. They decide what technologies to use, how to develop products, and how to stay competitive through innovation. For example, for the Clarity Techwork, they choose Swift language for native iOS, Kotlin for native Android, PHP (Laravel) for web and API, MySQL for databases, CI/CD for DevOps, Linux (Ubuntu) for infrastructure, and Solidity for blockchain. Clarity Techwork use scrum to manage their software devolepment and use JIRA to manage sprints.

UI/UX DESIGNER

The responsibility of a UI/UX designer is to create user-friendly and aesthetic designs. In addition, designers conduct UI/UX research to ensure information is clearly presented, develop wireframes or prototypes and test designs to comfirm their effectiveness. They also teamup with developers to makesure the final product matches the design. Designers are dedicated to providing users with a smooth product experience.

WEB/API DEVELOPER

The job scope of a Web/API developer is to produce APIs for internal and external use. Besides, they need to identify the existing problems in back-end and provide corresponding solutions. Moreover, they are also responsible for enhancing and managing the company's web applications. Last but not least, they also integrate the front-end and back-end components of products. Therefore, they have to be familiar with frameworks and libraries, version control, responsive design, testing and debugging, critical thinking and collaboration and communication skills. The speakers also suggest that we need to learn continuously in order to gain more theoretical and practical knowledge related to our jobs.

REFLECTION

The industry talk by Clarity Techworks points out that technical knowledge alone is not sufficient to succeed in the IT industry. Job roles such as CTO, Android Developer, UI/UX Developer, QA Testing Analyst, and Web API Developer, need a combination of technical skills, problem-solving ability, and professional attitudes. From the talk, learning different programming fundamentals is important. For example, Kotlin for API development. UI/UX developers need creativity and design thinking. QA testing analysts must have analytical thinking and knowledge of testing tools and methodologies. Android and Web/API developers need to know front- and back-end development and databases. Soft skills such as communication, teamwork, time management, and adaptability are also important. The computer science field is fast-changing, so continuous learning and ability to self-learning are important to survive in the market.

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REFERENCES

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