

CLARITY TECHWORKS

In a recent meeting with Clarity Techworks' CTO, we focused on app development roles like Web API and QA Analysts, highlighted in an engaging video showcasing the company's expertise in Fintech and Blockchain. The CTO stressed the importance of specialization and continuous learning in computing, sharing his inspiring journey from a mechanical engineering diploma to a successful career in computer science. The session provided insights into Clarity Techworks, along with valuable career advice and motivation, emphasizing the significance of dedication for success in software engineering.



TEAMWORK MADE A HUGE DIFFERENCE

Ms. Naziha introduced iOS programming, highlighting Apple's use of Objective-C. Frameworks like Switch UI and UI Click are integral to iOS development, with a focus on code optimization and addressing user design issues. A small game demo showcased developer skills. In Android development, the Android developer emphasized Java's historical significance, being the primary language, while Kotlin, a modern language, gained popularity. Android app development was explored, providing insights into the dynamic field. Overall, the sessions covered iOS and Android development, showcasing the key languages, frameworks, and skills essential for developers in both ecosystems..



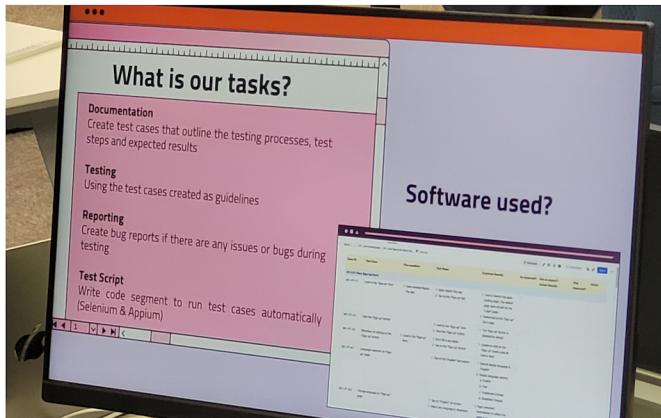
At Clarity Techworks, web application development involves collaborative efforts between two main departments: UI/UX and QA teams. Ms. Izzah highlighted the distinction between websites and web applications, emphasizing the latter's focus on interactivity. As a frontend developer, she employs HTML, JavaScript, and CSS, utilizing frameworks like Vue.js and PRIMEVUE for enhanced functionality. CSS, often complemented by tools like Tailwind CSS and PRIMEFLEX, handles styling, while HTML constructs the application's structure, and JavaScript ensures interactivity. Moving to the backend, Mr. Saiful outlined tasks such as API creation, automation, database management, and documentation. Key tools include Laravel for API and database structure, Sourcetree for source tracking, Postman for API testing, and Sequel Ace/MySQL for database management.

EMERGING TO INDUSTRIES

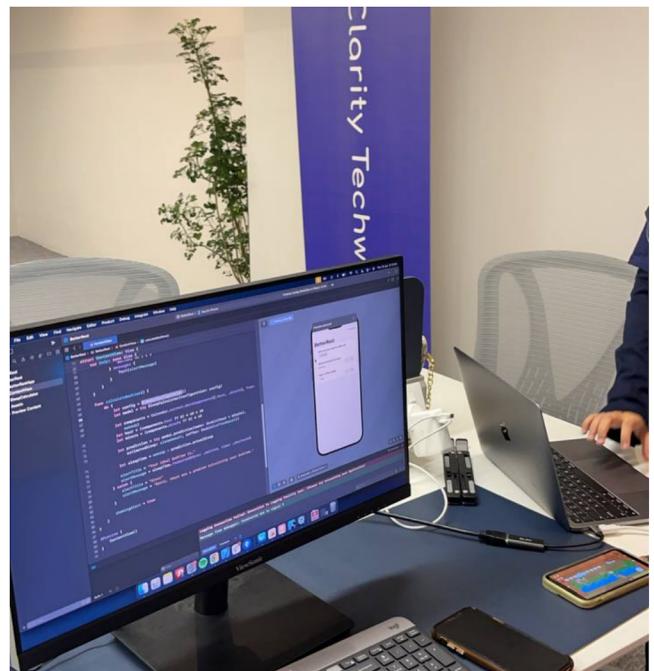
Clarity Tech introduces a groundbreaking restroom, transcending conventional norms. Tailored for industrious staff, it features a plush sofa, a gaming set with a large screen, mini bowling, and table games. Beyond mere functionality, this restroom transforms into a vibrant playroom, seamlessly blending work and leisure. It reshapes the work environment, reflecting Clarity Tech's commitment to employee well-being. This dynamic space epitomizes innovation, emphasizing the company's dedication to cultivating a balanced and enjoyable workplace for hardworking staff.

QA ANALYSTS

QA Analysts played a pivotal role in ensuring the highest quality for applications before their release. Serving as first users, they conducted rigorous testing on unreleased apps to guarantee a bug-free product. Responsibilities included detailed documentation and seamless reporting to the developer team. Utilizing tools like Appium for mobile and Selenium for websites, they efficiently performed RIP tests for automation. The dedication of the QA team extended to delivering an unparalleled user experience, embodying a commitment to excellence in every app release.



Mr. Saiful concluded by defining an API as a set of specifications that govern how software components interact, serving as a bridge between applications. It facilitates seamless communication, receiving and translating client requests for the server, and delivering relevant responses.



UI/UX TEAM

Collaborating seamlessly with the API, Android, iOS, QA, and Web Application teams, the UI/UX designer takes charge when a new feature emerges. Initiating the design, they pave the way for other teams to handle coding, testing, and enhancement. The process begins with research, followed by wireframing on paper for brainstorming. After finalizing the concept, Hi-Fi is employed to design the interface, often utilizing crypto platforms for live products. Beyond digital realms, the UI/UX designer extends their skills to crafting designs for posters and photography.