

EXECUTIVE OVERVIEW OF ICT JOBS IN INDUSTRY

Executive Summary

This poster summarizes the Industry Talk Webinar delivered by the Clarity Techworks team, featuring Mr. Yee Soon Tuck, Mr. Saiful Habib Danial, Mr. Mohamad Noor Ridwan, and Ms. Syarifah 'Adilatul Hulwani.

The session focused on the Fintech industry, bridging the gap between academic theory and the real-world Software Development Life Cycle (SDLC). The speakers detailed the end-to-end process of building crypto-payment ecosystems and the specific technical tools required for modern mobile app development.

Technology Stack

Development & Coding

Core Tools: Android Studio for mobile apps and VS Code for web development. Database: Used Sequel Ace for efficient database management.

Quality Assurance (QA)

Testing: Postman is used to verify API performance. Monitoring: Firebase Console tracks crashes, while Bugfender monitors user behavior and logs bugs in real-time.

DevOps & Deployment

Version Control: Bitbucket and Sourcetree are used to manage code branches. Deployment: Apps are published and managed via the Google Play Console.

Collaboration & Workflow

Task Management: Jira is used to distribute tasks and track sprint progress. Communication: Slack is the primary tool for team updates. Localization: Phrase is used to manage app translations.

UI/UX & Design Strategy

Foundation: Development begins with UI/UX Research and Information Architecture to structure data. Prototyping: Wireframing is used to visualize the product and validate concepts before hand-off to developers.

Company Background

- Locations: Singapore (HQ) & Iskandar Puteri, Malaysia.
- Core Business: Fintech, Digital Assets, and Blockchain Ecosystems.
- Product: Rapidz Pay (Cryptocurrency payment solution).

The Job Scope (SDLC)

- 01. UI/UX Research** Understanding user needs and pain points.
- 02. Information Architecture** Structuring data flows effectively.
- 03. Wireframing & Prototyping** Visualizing the solution before coding.
- 04. Testing & Iteration** Refining the product based on feedback.
- 05. Hand-offs** to Developers Bridging the gap between design and code.
- 06. Localization** Creating phrase keys for global translations.

Reflection

This session changed our perspective on Fintech. We learned that coding is only half the job—tools like Bugfender and Firebase showed us that monitoring and maintenance are just as critical as development. Seeing a local company in Iskandar Puteri working with global technologies (Blockchain/Agile) was highly motivating.

Team

