INDUSTRIAL TALK 1
OVERVIEW OF ICT JOBS

SECP1513 Technology and Information System

SUMMARY

Gain insights into the dynamic world of ICT employment at Clarity Techworks Sdn Bhd. Explore the job scopes, daily routines, essential skills, and practical advice from professionals in the field. Discover the tools and technologies shaping roles such as Junior Android Developer, Junior UI/UX Designer, QA Testing Analyst, and Junior Web Developer.

INTRODUCTION

Embark on a journey through the diverse ICT roles at Clarity Techworks, unraveling the expectations, challenges, and skills crucial for success in the rapidly evolving technology landscape.

> We are looking for individuals who love technology, are self-learners, maintain high standards, highly motivated, problem-solvers, team players, and possess great personal integrity.

Mr. Yee Soon Tuck
(CTO of Clarity Techworks Sdn Bhd)

JUNIOR ANDROID DEVELOPER
(Speaker 1)

Job Scope:
- Implements new features, improves project codes, resolves bug issues, publishes applications to Google Play Store, writes documentation, and conducts research.

Technologies Used:
- Android Studio, Google Play Console, Firebase Console, Bugfender, Phrase, Postman, Bitbucket.

Tips & Advice:
- Learn from someone smarter.
- Start developing and publishing software on GitHub.
- Make connections.

JUNIOR UI/UX DESIGNER
(Speaker 2)

Job Scope:
- UI/UX research, information architecture, wireframing & prototyping, testing & iteration, hands-off to developers, creates phrase keys & pulls translations.

Software Used:
- Figma, Slack, Phrase, Postmark.

Tips & Advice:
- Build a strong foundation in design principles.
- Create a portfolio using Figma, Freepik, or Dribbble.
- Network with other UI/UX designers.
- Start small and be persistent.

WORK LIFE VS STUDENT/INTERNSHIP

Work Life:
- **Common Themes**: Long-term commitment, high independence, high supervision, varied tasks.
- **Challenges**: Balancing work and life aspects, dealing with stress and pressure.
- **Benefits**: Financial stability, a sense of purpose, opportunities for growth and development.

Student & Internship:
- **Common Themes**: Short-term commitment, low independence, low supervision, limited time.
- **Challenges**: Managing time efficiently, dealing with academic challenges, finding internships.
- **Benefits**: Learning and exploration, opportunities to gain real-world experience.

QA TESTING ANALYST
(Speaker 3)

Job Scope:
- Ensures software/products meet quality standards before release.
- Tests functionality, performance, and security.
- Documents processes, creates test cases, and reports bugs.

Software Used:
- Jira

Tips & Advice:
(Important Knowledge)
- Knowledge of software architecture and design
- Knowledge of programming will help in automated testing

JUNIOR WEB DEVELOPER
(Speaker 4 & 5)

Job Scope:
- Produces APIs for internal and external use.
- Troubleshoots and provides solutions to problems in the backend.
- Creates and manages company's web applications.

Technologies Used:
- VS Code, Postman, Bitbucket, Sourcetree, Jira, Slack, Sequel Ace.

Tips & Advice:
- Choose projects wisely.
- Engage more with the development community.
- Cultivate curiosity and learn from mistakes.

ESSENTIAL SKILLS NEEDED
(Summarize from all speakers)

- **Common Skills Across Roles**: Analytical skills, Communication skills, Creative thinking, Search proficiency, Problem-solving, Attention to detail, Time management
- **Specialized Skills**:
  - **Developer Roles**: Continuous learning, critical thinking, proficiency in relevant tools and technologies.
  - **UI/UX Designers**: Creative thinking, problem-solving, attention to detail, responsive design.
  - **QA Testing Analyst**: Analytical skills, documentation skills, time management, attention to detail.

REFLECTION ✕

Adaptability in Dynamic ICT Careers:
The discussion highlighted the dynamic nature of ICT careers, emphasizing the need for adaptability and staying current with evolving technologies. Professionals in the field must navigate a landscape that demands continuous learning and agility.

Holistic Growth Through Continuous Learning:
Speakers stressed the importance of a holistic approach to ICT careers, blending theoretical knowledge with practical skills. The motivation derived is to embrace challenges as opportunities for personal and professional growth, recognizing that success in the industry requires ongoing learning, practical experience, and effective networking.
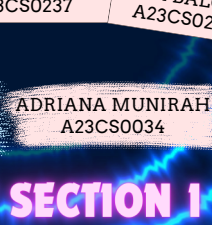
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