

# OVERVIEW OF ICT JOBS

A complete tech stack encompasses the software development from the backend to the frontend and the management of database and server. It often involved a development team with members overseeing different processes along the development of the software/product.

## JOB SCOPE:

- Improve application performance.
- Get feedback from user for error
- Write project documentation
- Resolve bug issues
- Research

## SKILLS NEEDED:

- Great communication skills
- Creative thinking
- Punctuality

## JOB SCOPE:

- Act as last defense line to identify bugs in product/software
- Ensure the software/ product meet the quality standard.

## SKILLS NEEDED:

- Critical thinking and analytical skill
- Continuous learning
- Attention to details
- Creativity to produce good front-end

## JOB SCOPE:

- Develop and enhance web application
- Integrate UI design
- Maintain system documentation

## SKILLS NEEDED:

- Responsive design
- Testing and debugging skills
- Version control

## SKILLS NEEDED:

- Analytic - capable of identifying the codes flow
- Communication - capable of making a non-technical colleague understand

- Creative.
- -able of writing high quality codes
- Search Proficiency

## JOB SCOPE:

- Information architecture
- Wireframing and prototyping
- Testing and iteration
- Hand-offs to developers
- Create phrase keys and pull translations

## SKILLS NEEDED:

- Time management
- Analytical skills
- Attention to details
- Documentation skill

## JOB SCOPE:

- Produce API for internal & external use.
- Troubleshoot & provide solutions to problems in backend.
- Create & manage company's web applications.

ANDROID DEVELOPER

UI/UX DESIGNER

QA TESTING ANALYST

WEB/API DEVELOPER

JUNIOR WEB/API DEVELOPER

TOOLS / SOFTWARE



## SUMMARY

IT WORKERS AT EACH JOB POSITION NEED TO FULFILL THEIR JOB SCOPE TO ENSURE THE FUNCTIONALITY, VISUALITY AND SUSTAINABILITY OF SOFTWARE/PRODUCT FROM THE BACKEND TO THE FRONTEND. THEY, OR POSSIBLY US IN THE NEAR FUTURE, HAVE TO ACQUIRE COMMUNICATION, ANALYTICAL AND CRITICAL THINKING SKILLS AS WELL AS BE LIFE-LONG LEARNERS.

## REFLECTION

BESIDE GAINING STRONG SKILLS AND MASTERING VARIOUS SOFTWARE APPLICATIONS, STUDENTS SHOULD ALSO SHAPE A POSITIVE ATTITUDE TOWARDS THE WORKING ENVIRONMENT AND PLAY AN ACTIVE ROLE IN THE ENDLESS LEARNING PROCESS TO STAY ON TOP OF THE EVER-CHANGING REALM OF TECHNOLOGY.



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