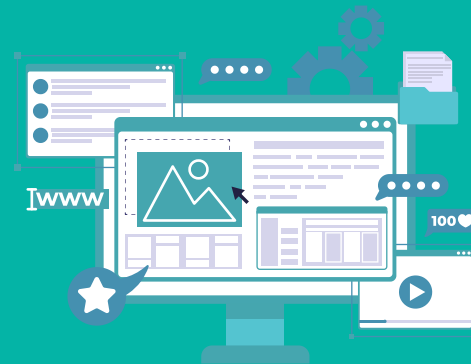


# Overview of ICT Jobs in Industry



## INTRODUCTION

1

PETRONAS Digital serves as the technology and innovation hub for PETRONAS, spearheading digital transformation in the energy sector to enhance efficiency, safety, and sustainability. The rapid evolution of Information and Communication Technology (ICT) has made it one of the most important programs for addressing complex industrial challenges, enabling organizations to adapt to dynamic digital challenges while advancing environmental and social sustainability goals. The PETRONAS Digital Young Graduates Program (YGP) offers fresh graduates a platform to develop technical and leadership skills, preparing them to lead innovative solutions and build impactful careers in the ever-expanding ICT field.

## CONTENT OVERVIEW



The PETRONAS Digital YGP addresses the growing demand for skilled professionals in ICT by offering graduates exposure to key areas such as data analytics, cybersecurity, cloud computing, and artificial intelligence. These domains play a vital role in transforming industries, enabling operational efficiency, safeguarding critical systems, and fostering innovation. The program also emphasizes the role of ICT in advancing sustainability, particularly in the energy sector, by driving the adoption of renewable energy and minimizing environmental impacts. Participants benefit from hands-on projects, mentorship, and a collaborative environment, providing them with the skills to solve real-world challenges.

2

## REFLECTION



3

The talk provided valuable information about the important role of ICT in transforming industries and addressing global challenges, particularly in the energy sector. It underscored the importance of continuous learning, adaptability, and teamwork in building a successful career in ICT. The PETRONAS Digital YGP inspired a deeper understanding of technology, combining technical expertise with innovative thinking to create sustainable and useful solutions. This encourage to pursue opportunities that align technical skills with a passion for innovation, leadership, and contributing to a better future.



## SUMMARY

4

The PETRONAS Digital Young Graduates Program (YGP) offers a unique opportunity for fresh graduates to develop key skills in digital technologies such as data analytics, cybersecurity, artificial intelligence, and cloud computing and addressing global challenges, empowering graduates to make a meaningful impact through their careers in digital solutions.

YUSUF ZAIN ELABDIN-A21EC9114



RAZAN SALAH ELDEEN-A23CS4052



LOAI RAFAAT ALQADASI-A23EC9010

MOHAMED ABDELGAWWAD-A23CS4025