

# OVERVIEW OF ICT JOBS IN INDUSTRY

## Executive Summary

This poster presents an overview of ICT careers discussed during the industrial talk by Clarity Techworks Sdn Bhd, a technology-focused company involved in ICT solutions and services. The session highlighted how ICT professionals contribute to system development, cybersecurity, network management, and digital transformation in modern industries. The talk also emphasized the skills, mindset, and adaptability required to succeed in the ICT field.

## Introduction

Information and Communication Technology (ICT) plays a critical role in today's digital-driven industries. Companies like Clarity Techworks Sdn Bhd rely heavily on ICT professionals to design, secure, manage, and improve technological systems. This industrial talk provided real-world exposure to ICT job roles, industry expectations, and career pathways for students preparing to enter the workforce.

## CONTENT OF THE INDUSTRY TALK

### 1. ICT Job Roles

- **Network Engineer** - responsible for designing, maintaining, and securing network infrastructures.
- **System Administrator** - manages servers, operating systems, and system performance.
- **Cybersecurity Specialist** - protects systems from cyber threats and data breaches.
- **Software / System Developer** - develops and maintains applications and system solutions.
- **IT Support & Technical Consultant** - provides technical assistance and client-based solutions.

## Reflection

The industrial talk by Clarity Techworks Sdn Bhd helped us understand the importance of ICT roles in industry. We learned that ICT professionals support business operations through networking, system management, and cybersecurity. The session motivated us to improve our technical skills and prepare ourselves for future ICT careers.

## Conclusion

The industrial talk by Clarity Techworks Sdn Bhd provided valuable insight into real ICT careers and industry needs. It successfully connected classroom learning with real-world applications and inspired students to pursue ICT careers with confidence and preparedness.

### 2. Skills Required in the ICT Industry

**The talk emphasized both technical and soft skills, such as:**

- Networking fundamentals and system configuration
- Cybersecurity awareness and data protection
- Problem-solving and critical thinking
- Communication skills and teamwork
- Continuous learning to keep up with fast-changing technology

### 3. Industry Expectations

**Clarity Techworks highlighted that employers value:**

- Practical skills over theory alone
- Professional attitude and discipline
- Willingness to learn new technologies
- Ability to work under pressure and solve real-world problems

## Group Members

Name: Abdulrahman Mohammed | Matrix No. : A25CS0003

Name: Mohammed Rahbab | Matrix No. : A25CS0013

Name: Khalid | Matrix No. : A23CS4042

Name: Nasma Mutasim | Matrix No. : A25CS5054

Name: Basma Mutasim | Matrix No. : A25CS5053