

# First Worksheet: INTRODUCTION

(Basic IT Terminology and Grammar)

## **1st TASK: Match what belongs together.**

1. Data Scientist
2. Full- stack Developer
3. Network Engineer
4. Database Administrator
5. Front-end Developer
6. IT Project Manager
7. Back-end Developer
8. Systems Analyst
9. Web Developer
10. Cybersecurity Analyst
11. Cloud Architect
12. IT Support Specialist
13. Software Developer
14. Machine Learning Engineer
15. Mobile App Developer

- A.** Designs and creates computer programs and applications.
- B.** Builds and maintains websites and web applications.
- C.** Manages and secures data stored in databases.
- D.** Examines business needs and designs IT solutions.
- E.** Plans and manages computer networks and connectivity.
- F.** Provides technical help to users and fixes issues.
- G.** Designs and maintains cloud computing systems.
- H.** Protects networks and data from cyberattacks.
- I.** Analyzes large data sets to find patterns and insights.
- J.** Creates algorithms that learn and improve automatically.
- K.** Designs and builds applications for smartphones and tablets.
- L.** Develops the visible part of websites for users.
- M.** Works on the server side and database of web applications.
- N.** Handles both front-end and back-end development.
- O.** Plans, organizes, and oversees IT projects

## **2nd TASK: Translate.**

1. Správce sítě-
2. Technická podpora-
3. Odstraňování závad-
4. Údržba-
5. Podnikový informační systém-
6. IT správce školy-
7. Pracovník vzdálené podpory-
8. Servisní technik-
9. Inženýr promptů-
10. Specialista na zpracování přirozeného jazyka-

## **3rd TASK: Discuss.**

***1. What are the advantages and disadvantages of working in the IT sector? Discuss the following questions:***

- a) Do you think IT jobs will remain in high demand in the future? Why or why not?*
- b) How easy or difficult is it to keep your skills up to date in this fast-changing field?*

***2. How would you feel if you appeared in the following situations?***

- a) You discover that your personal data has been stolen in a cyberattack.*
- b) You are suddenly offered a remote job abroad with a much higher salary.*

## **4th TASK: In the following sentences, you will find faulty grammar.**

**For each sentence, identify any error.**

1. By the time the server crashed, the backup didn't finished yet.
2. The team has worked on this AI project since two months.

3. Yesterday we have deployed a new security patch; however there were still vulnerabilities.
4. Many users complained that the website loads too slowly; although the issue was fixed last week.
5. He said he will send the updated code before the meeting started.

### **5th TASK: Translate.**

1. Zálohování-
2. Prohlížeč-
3. Reprodukory-
4. Bezdrátový-
5. Rozlišení-
6. NLP-
7. Reinforcement Learning-
8. Performance-
9. Mice-
10. Spacebar-

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### **Questions for the next lesson on the topic:**

#### ***THE COMPUTER SYSTEM- PARTS OF A COMPUTER***

- 1. Explain the difference between hardware and software.*
- 2. What are the most important parts inside a computer?*
- 3. Which type is suitable for people who travel a lot?*
- 4. Which type of computer do you use and why?*
- 5. Which type of computer is the most powerful one?*

