1. TITLE OF THE PROFESSION

06135008 Adatbázis üzemeltető (specialista)

2. TRANSLATED TITLE OF THE PROFESSION

Database operator (specialist)

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- install and monitor SQL servers and troubleshoot SQL server problems;

- use and administer virtualised/containerised resources and services at a basic level;
- run complex applications on application servers;
- control access, resources and costs in different operating systems;
- use SQL computer language at an advanced level;
- carry out basic database maintenance and configuration operations, manage database accesses;
- monitor relational database performance;
- ensure higher levels of accessibility to databases;
- troubleshoot operational errors;
- enhance the accessibility of databases on the backend;
- use the most common NoSQL solutions at a basic level.

4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)

0613 Software and application development and analysis

(*) Explanatory notes:

[1] In the original language. | [2] The translation of the designation is provided for information purposes only. | [3] Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the authority issuing the certificate	**Name and status of the national/regional authority providing accreditation/recognition of the certificate**
	Ministry for Innovation and Technology

Level of the certificate (national or international)	**Grading scale / Pass requirements**

NQF level: 5
 EQF level: 5
 Digital Competence Framework level: 6
	Five -grade: 5 excellent
	                4 good
	                3 satisfactory
	                2 pass
	                1 fail

Certificate number: CXK A

Serial number: 123456

Certificate issue date:

2023.12.07

Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale

written		
Knowledge of database management (database design, SQL skills, database administration, NoSQL skills)	100%	5
project exercise		
Database operation – practical exercises	100%	5
Result of the qualification examination	100%	5

Access to next level of education/training	**International agreements**
To higher education	

Other information concerning the vocational training process

Legal basis

Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act,
Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act,
Government Decree 95/2021 (II. 27.) on the Amendment of Certain Government Decrees Relating to Vocational Education and Training and Adult Training,
Government Decree 11/2020 (II. 7.) on the Implementation of the Act on Adult Education.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	320 hours

Entry requirements:
- Secondary school qualification
- Preliminary training: the applicant shall possess the professional competences as defined in the Junior System Operator (06134006) vocational education and training program and duly attested by a certificate of qualification, or in the absence of such certificate, he/she shall successfully pass a placement test organised by the vocational education and training institution

Further information:

WRITTEN EXAMINATION EXERCISES
Database design
SQL knowledge
Database administration
NoSQL knowledge

PROJECT EXERCISES
Realistic examination exercise – design and implementation

You can find more information on the Programme and System Requirements in the following link: https://ikk.hu
This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.

National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu

Head of Examination Organiser:
Issue date: 2023.12.07

SEAL