# EUROPASS CERTIFICATE SUPPLEMENT

## 1. TITLE OF THE PROFESSION

06134005 Junior java backend fejlesztő

## 2. TRANSLATED TITLE OF THE PROFESSION

Junior Java backend developer

(THIS TRANSLATION HAS NO LEGAL STATUS)

## 3. PROFILE OF SKILLS AND COMPETENCES

- use Java class libraries, coding conventions, object-oriented and clean code principles, having general knowledge of the Java programming language, and solve simple algorithmic problems;
- write, run and evaluate unit tests to ensure that units are fit for use;
- use the Junior Java backend development version control system in group and/or individual projects;
- use continuous integration (CI) and continuous delivery (CD) tools for builds;
- give SQL commands from Java programs, having basic knowledge of the SQL language;
- use integrated development environment (IDE) tools for programming.

## 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:** 4 <br> **EQF level:** 4 <br> **Digital Competence Framework level:** 5 | Five -grade:   5   excellent <br>           4   good <br>           3   satisfactory <br>           2   pass <br>           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 | | |
|---|---|---|
| Basics of the Java programming language | 100% | 5 |
| | | |
| **project exercise** | | |
| Backend programming tasks | 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 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 | 640 hours |

**Entry requirements:**
 - Secondary school qualification

**Further information:**

WRITTEN EXAMINATION EXERCISES
Java programming language

PROJECT EXERCISES
Backend programming tasks: basics of the Java programming language
Backend programming tasks: Java object-oriented programming
Backend programming tasks: Java collections
Backend programming tasks: file handling in Java
Backend programming tasks: database management in Java

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**