



1. TITLE OF THE PROFESSION

06135010 Junior fullstack API fejlesztő

2. TRANSLATED TITLE OF THE PROFESSION

Junior full stack API developer
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- use and test existing APIs (Application Programming Interfaces) on the client side;
- design and develop own APIs;
- use RESTful API standards and the process and tools for API design and documentation generation;
- perform access control to services and resources;
- appropriately use NoSQL solutions, being aware of the basic types of solutions, their uses, advantages and disadvantages;
- deploy applications serving and using APIs, making use of containerisation technology and its advantages.

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) NQF level: 5 EQF level: 5 Digital Competence Framework level: 6	Grading scale / Pass requirements 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 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="3">written</td> </tr> <tr> <td style="width: 80%;">Junior full stack API development knowledge</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3">project exercise</td> </tr> <tr> <td>Junior full stack API practical exercises (Full stack web application examination exercise, programming exercises)</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3">Result of the qualification examination</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	written			Junior full stack API development knowledge	100%	5	project exercise			Junior full stack API practical exercises (Full stack web application examination exercise, programming exercises)	100%	5	Result of the qualification examination				100%	5
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Access to next level of education/training To higher education	International agreements																		
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
<p>Entry requirements:</p> <ul style="list-style-type: none">- Secondary school qualification- Preliminary training: the applicant shall possess the professional competences as defined in the Junior frontend developer (06134004) 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 <p>Further information:</p> <p>WRITTEN EXAMINATION EXERCISES</p> <p>Software architectures Basics of Node JS Testing NoSQL databases Node JS API JavaScript framework advanced skills Containerisation</p> <p>PROJECT EXERCISES</p> <p>Full stack web application examination exercise Client-side programming using API Creating containerised API endpoints API design Database programming</p> <p>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.</p> <p>National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu</p>	

Head of Examination Organiser:
Issue date: 2023.12.07

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