



#### 1. Title of the certificate (LT)<sup>1</sup>

Profesinio mokymo diplomas. .NET programuotojo modulinė profesinio mokymo programa (valstybinis kodas P43061301)

### <sup>1</sup>in original language

## 2. Translated title of the certificate (EN)<sup>1</sup>

Qualified worker's Diploma. .NET programmer modular vocational training programme (state code P43061301)

<sup>1</sup>If applicable. This translation has no legal status.

### Profile of skills and competences

Competences of qualification:

1. To design and develop web page user interface.

2. To apply IT principles and methods for software development

3. To create simple/ typical software.

- 4. To analyse different types of requirements for software program.
- 5. To design typical relational and non-relational (NoSQL) databases.

6. To implement and manage databases as software.

7. To use server operating systems.

8. To apply current/ up-to date software development principles and methods.

9. To manage your own and team's code development.

**Optional competencies:** 

1. To apply testing-based programming approach.

2. To apply behaviour-based programming approach.

- 3. To use ASP.NET (ASP.NET Core) for the web application development.
- 4. To use Entity Framework for data management in .NET applications.

# 4. Range of occupations accessible to the holder of the certificate<sup>1</sup>

To design and develop information systems, to design and develop simple databases, to management of programming environment and software development environment.

<sup>1</sup> If applicable

#### (\*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

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5. Offic	cial basis o	f the certificate	
Name and status of the body awarding the certificate Legal entity with licence to provide formal vocational training programmes		Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education and Science of The Republic of Lithuania	
Level of the contificate (notional or internetional)			
Level of the certificate (national or international) ISCED 454; LTKS IV; EKS 4		Grading scale / Pass requirements 10 grade scale. A Pass Grade -	
Access to next level of education/training		International agreements	
Possibility to continue studies at the higher level of education programme			
Legal basis Law on Education of the Republic of Lithuania Law on Vocational Education and Training of the Rep Resolution No. 535 of 4 May 2010 of the Governmen National Qualifications Framework	ublic of Lithuar t of the Republ	ia ic of Lithuania "On the appr	oval of the description of the
6. Officially recogr	nised ways	of acquiring the cert	ificate
Aggregate duration of learning required to g Ratio of theoretical and practical learning (% Duration and place of apprenticeship (in wee Possibility to include passed education: pass	):/ eks): (0)		nowledge
Description of vocational education and training received	Part of programme (%)		Duration (in weeks)
School-/training centre-based			0
Workplace-based			0
Accredited prior learning			
Total duration of the education/ training leading to the certificate			0
Entry requirements Additional information			
More information (including the description of the nation www.aikos.smm.lt, www.europass.lt, www.euroguidar			
The National Reference Points: www.europass.lt, www.smpf.lt			