



1. Title of the certificate – Yrkeshögskoleexamen <sup>1</sup>

Systemutvecklare. NET

2. Translated title of the certificate – Higher Vocational Education Diploma <sup>2</sup>

System Developer. NET

3. Knowledge, Skills and Competence Profile

The holder of the certificate has:

- Knowledge of cloud services, databases, version control, the framework .NET, Web API, REST, frontend-framework, test driven development and entity framework.
- Knowledge of agile work methods, requirements analysis, object-oriented programming, application architecture and web development.
- Knowledge of information security, continuous integration and deployment, as well as business related communication and quality assurance.
- Skills in developing applications in C# med ASP.NET and .NET framework.
- Skills in developing a web API with a REST architecture.
- Skills in creating low maintenance, high quality code.
- Skills in using agile work methods for application development.
- Skills in realising a web application in a cloud service.
- Skills in modelling a relational database.
- Skills in implementing safety considerations in application development.
- Skills in conducting a sprint review in English
- Skills in writing code variables and -comments in English.
- Skills in communicating with, and reporting to, a client.
- Skills in setting up simple pipelines for automated testing, integration and deployment.
- Competence to plan, realize and follow up an agile project, using project tools.
- Competence to develop systems, applications and databases with programming methods, as well as execute them in and out of a cloud environment.
- Competence to set up a structure for a service-oriented architecture.
- Competence to create high quality code in a way that leads to learning and professional development.
- Competence to execute qualified programming tasks within estimated time limits and contribute to the professional development of the team.
- Competence to process content from a specialization area in a way that leads to further learning and development in the .NET developer profession.

4. Range of occupations accessible to the holder of the certificate <sup>3</sup>

Application Developer  
Software Developer  
System Developer. NET

<sup>1</sup> In the original language | <sup>2</sup> If applicable. This translation has no legal status. | <sup>3</sup> If applicable.

The Certificate supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the 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.