

# Examination Certificate

as per § 37 German Vocational Training Act  
- Translation from German -

**Markus Ringert**

born on 07. März 1993 in Berlin has passed the final examination for the officially accredited profession of

**Specialised Computer Scientist**  
Subject Software Development

with the **overall grade good ( 87 Points )**.

	Grade	Points
<b>Examination part A</b>		
Execution and documentation of a workplace project assignment	good	87
Presentation of company project assignment with discussion on the subject	very good	92
<b>Examination part B</b>		
Integrated task I	good	85
Integrated task II	good	86
Economics and social studies	good	84
This qualification relates to level 4 of the German and the European Qualifications Framework.		

Berlin, 17 January 2018

For signature and seal see original.

The original certificate was issued by the Chamber of Commerce and Industry (a public body), the responsible authority in accordance with the German Vocational Training Act, to certify the successful completion of the final examination for an initial training qualification under the Act.

## Explanatory notes on the certificate

**Markus Ringert**

born on 07. März 1993 in Berlin

### Specialised Computer Scientist Software Development

The overall grade is based on the weighting specified in the vocational training regulations and given below:

#### Examination part A

Workplace project assignment	25 percent
Presentation with discussion on the subject	25 percent

#### Examination part B

Integrated task I	20 percent
Integrated task II	20 percent
Economics and social studies	10 percent

The workplace project assignment consists of one project or one discrete subproject with the following task: Building or modifying a software product, including design, specification, implementation and testing; or writing a requirements specification, including analysing customer needs, assessing an interface and planning integration.

The integrated task I consists of one of the following tasks: Designing a software product to solve a technical problem; sketching out a project to implement a new information and communication technology (ICT) system; developing a training module for users of an existing ICT system; developing a security and backup scheme for an existing ICT system.

The integrated task II consists of one of the following tasks: Assessing an ICT system; designing a data model for a sample application; preparing technical documents suitable for users; preparing a user consultation that addresses specific project needs based on a case study.