Examination Certificate
as per § 37 German Vocational Training Act

- Translation from German -

Manuel-Hubertus Fay

born on ███████████ has passed the final examination for the officially accredited profession of

Computer Science Expert
Subject Area: Software Development

with the **overall grade: satisfactory (75 points)**.

	Grade	Points
Part A of the examination		
Workplace project assignment	good	84
Presentation and discussion on subject	good	88
Part B of the examination		
Integrated task I	sufficient	53
Integrated task II	satisfactory	68
Economics and social studies	satisfactory	80

This qualification relates to level 4 of the German and the European Qualifications Framework.

Cologne, 22 July 2020

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.

100 - 92 points	below 92 - 81 points	below 81- 67 points	below 67 - 50 points	below 50 - 30 points	below 30 points
grade 1 = excellent	grade 2 = good	grade 3 = satisfactory	grade 4 = sufficient	grade 5 = poor	grade 6 = very poor

Explanatory notes on the certificate

Manuel-Hubertus Fay
born on ███████████

Computer Science Expert
Subject Area: Software Development

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

Part A of the examination

Workplace project assignment	25 percent
Presentation and discussion on subject	25 percent

Part B of the examination

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

The workplace project assignment, including the presentation and discussion, 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; 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.