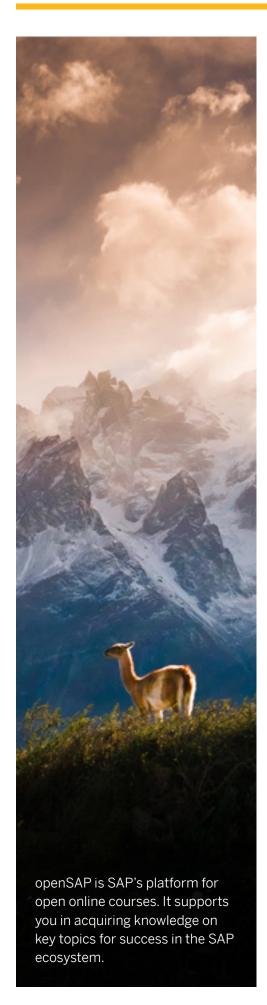


Record of Achievement



Martin Bangiev

Date of birth: August 14, 1978 E-mail: martin.bangiev@sap.com

has successfully completed the following openSAP course:

Software Development on SAP HANA (Update Q1/2019)

Instructors: Thomas Jung and Rich Heilman

This three-week online course was held from January 23 through February 21, 2019. It comprised 4-5 hours of learning effort per week, 3 weekly assignments, and 1 final exam.

The course covered the following topics:

- What's New in SAP HANA 2.0 SPS 03
- New Programming Model
- Open Technologies and Concepts

Maximum score possible for this course: 180 points.

The candidate scored 165.9 points (92.2%) by working on weekly assignments and taking a final exam.

Michaela Laemmler Head of openSAP

Thomas Jung Instructor

Rich Heilman

Walldorf, Germany, February 21, 2019

Junte



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