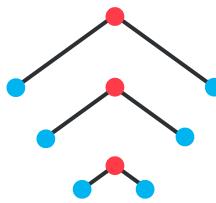


CERTIFICATION

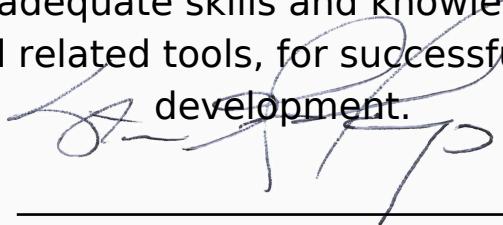
**Tobias Sagmeister**

has fulfilled the requirement as

Certified Vaadin 8 Professional

On 2020-12-21

By passing the certification test, the candidate has demonstrated adequate skills and knowledge about Vaadin Framework and related tools, for successful web application development.



Steven Grandchamp, CEO, Vaadin Ltd.

Certification ID: #9560addc-2a30-4696-89b9-815ccd4a8b36

Type: Vaadin Online Exam for Certified Vaadin 8 Professional

Date: 2020-12-21