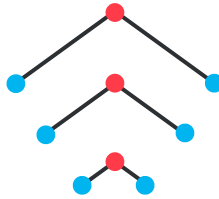


CERTIFICATION



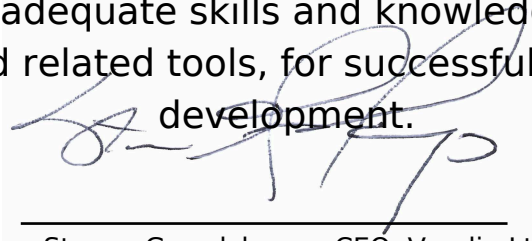
David Hofmann

has fulfilled the requirement as

Certified Vaadin 8 Professional

On 2017-09-04

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

A handwritten signature in blue ink, appearing to read "Steven Grandchamp", written over a light blue rectangular background.

Steven Grandchamp, CEO, Vaadin Ltd.

Certification ID: #7e261bcc15114f48ef5c7dcadcb48460-8p

Type: Vaadin Online Exam for Certified Vaadin 8 Professional

Date: 2017-09-04