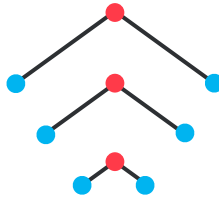


CERTIFICATION



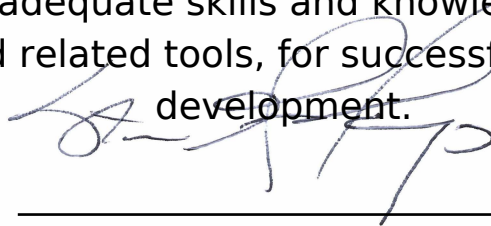
Ivano Selvaggi

has fulfilled the requirement as

Certified Vaadin 7 Developer

On 2016-11-28

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 horizontal line.

Steven Grandchamp, CEO, Vaadin Ltd.

Certification ID: #227c2ae4c7a2d3deb25d6138731a5ac8-7

Type: Vaadin Online Exam for Certified Vaadin 7 Developer

Date: 2016-11-28