

CERTIFICATION



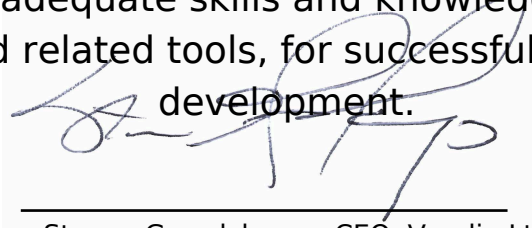
Mark Thomas

has fulfilled the requirement as

Certified Vaadin 7 Developer

On 2013-08-07

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 black ink, appearing to read "Steven Grandchamp", is written over a light gray rectangular background.

Steven Grandchamp, CEO, Vaadin Ltd.

Certification ID: #485032c847ab3981d8ab8ca550ba68d2-7

Type: Vaadin Online Exam for Certified Vaadin 7 Developer

Date: 2013-08-07