



CERTIFICATION



Ryu Makino

has fulfilled the requirement as

Certified Vaadin 24 Developer

On 2025-12-27

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: #0ea7446f-7e81-4bc0-87ef-c77c37e700d7

Type: Vaadin Online Exam for Certified Vaadin 24 Developer

Date: 2025-12-27