

Sun™ Certification



Bruno C Proenca

HAS FULFILLED ALL REQUIREMENTS AS A

SUN CERTIFIED WEB COMPONENT DEVELOPER

FOR THE JAVA™ PLATFORM, Enterprise Edition 5

On May 31, 2010



A handwritten signature in black ink, appearing to read "Jonathan I. Schwartz".

Jonathan I. Schwartz, Chief Executive Officer and President, Sun Microsystems, Inc.

A handwritten signature in black ink, appearing to read "Karie Willyerd".

Karie Willyerd, Vice President and Chief Learning Officer, Sun Educational Services