

Sun™ Certification



Sandeep Kumar

HAS FULFILLED ALL REQUIREMENTS AS A

SUN CERTIFIED PROGRAMMER

FOR THE JAVA™ 2 PLATFORM, STANDARD EDITION 5.0

On October 3, 2007

A handwritten signature in black ink, appearing to read "Jonathan I. Schwartz", written over a horizontal line.

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

A handwritten signature in black ink, appearing to read "Karie Willyerd", written over a horizontal line.

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

