



Feb 19, 2024

Nicholas Osorio

has successfully completed

Application Development using Microservices and
Serverless

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read "Alex Parker".

Alex Parker
Offering Manager for IBM Cloud Kubernetes Service
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/R5XG6M9Q7X9C>

Coursera has confirmed the identity of this individual and their
participation in the course.