

Professional Certificate



This is to certify that

Karim Abdelfadeel Abdelmageed Hassanin

successfully completed all courses and received passing grades for a Professional Certificate in

Cloud Application Development Foundations

a program offered by IBM, in collaboration with edX.

Rav Ahuja

Chief Program Manager
Skills Network, IBM

IBM



PROFESSIONAL CERTIFICATE
Issued June 2021

VALID CERTIFICATE ID
8d5db4931b9e4c90a2c92d3d0922246c