

Professional Certificate

This is to certify that

**HOSAKOTA GANESH
KUMARA**

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

NoSQL, Big Data and Spark Fundamentals

a program offered by IBM, in collaboration with edX.



A handwritten signature in black ink, appearing to read "Rav Ahuja".

Rav Ahuja

Global Program Director

IBM

IBM



PROFESSIONAL CERTIFICATE

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VALID CERTIFICATE ID

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