



CERTIFICATE *of* ACHIEVEMENT



This is to certify that

John P umana

successfully completed and received a passing grade in

DEV202x: Building Cloud Apps with Microsoft Azure

a course of study offered by Microsoft, an online learning initiative of Microsoft through edX.

Satya Nadella

Chief Executive Officer
Microsoft Corporation

Björn Rettig

Senior Director Technical Content
Microsoft Corporation

VERIFIED CERTIFICATE
Issued May 08, 2015

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