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Hasnain Attarwala

has successfully completed

**Getting Started on Mainframe with z/OS
Commands and Panels**

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

A handwritten signature in black ink, appearing to read "Jeff Bisti", on a light gray rectangular background.

Jeff Bisti
IBM Z Ecosystem Architect

**COURSE
CERTIFICATE**



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