



Aug 15, 2025

# Edward Thapelo Hlapane

has successfully completed

## Building AI Powered Chatbots Without Programming

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

A handwritten signature in black ink that reads "Antonio Cangiano".

Antonio Cangiano  
Engineering Manager and AI Specialist  
IBM Digital Business Group

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/1E9PNYHEUYGV>

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