

Aug 1, 2025

Ali Rayyan

has successfully completed

Penetration Testing, Threat Hunting, and Cryptography

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

COURSE CERTIFICATE



Dailes In his

DeeDee collette Manish Kumar Rav Ahuja

Verify at: https://coursera.org/verify/ALKXGVQEHK5B

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