

COURSE CERTIFICATE

Jun 22, 2024

Luis Angel Gramillo Estrada

has successfully completed

Database Architecture, Scale, and NoSQL with Elasticsearch

an online non-credit course authorized by University of Michigan and offered through



Charles Severance Clinical Professor, School of Information University of Michigan

Verify at: https://coursera.org/verify/RJS6C97JG7EK

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