



Certificate of Competency

This certificate is awarded to

Siwar Taktak

for demonstrating competence in the completion of

Building Transformer-Based Natural Language Processing Applications

A handwritten signature in black ink, appearing to read "Greg A. Estes", written over a horizontal line.

Greg Estes

Vice President, NVIDIA

Issue Date: : October 12, 2025

Certification ID: lyJlr5HzTpaArMLwIEy4lw

