

CERTIFICATE OF COMPLETION

Presented to:

Vladimir Costa de Alencar

On the date of 05/07/2025 to complete 456 curriculum hours of online study at

Artificial Intelligence Engineer Training Program

Including the following topics:

Deep Learning for AI Applications with PyTorch and Lightning

Cyber Security Data Science

Image Analysis with Artificial Intelligence

Time Series Analysis and Forecasting with Artificial Intelligence

Natural Language Processing with Transformers

Infrastructure As Code with Terraform, AWS, Azure and Databricks



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