



CERTIFICATE

OF EXCELLENCE

Programming Hub Certifies that

Marcus Vinicius Leal de Carvalho

has successfully completed
IPv4 & Networking Certification Course
and has knowledge of IPv4 & Networking programming.

Certificate ID: 1645662714707
Granted on February 23, 2022

Nigel Crasto
Director
Programming Hub

Tito Idicula
Director
Programming Hub