



Massachusetts Institute of Technology



This is to certify that

Vincent Hartman

has successfully completed

Professional Certificate in Coding: Full Stack Development with MERN

Awarded 48 Continuing Education Units (CEUs)

October 2022

A handwritten signature in black ink, likely of Eric Grimson.

Eric Grimson

Vice President for Open Learning
Massachusetts Institute of Technology

A handwritten signature in black ink, likely of John R. Williams.

John R. Williams

Professor of Information Engineering in
MIT Department of Civil and
Environmental Engineering

A handwritten signature in black ink, likely of Abel Sánchez.

Abel Sánchez

Research Scientist and
Executive Director of MIT's
Geospatial Data Center