



This is to certify that

Senior Software Engineer

IBM

Terry Gilmore

successfully completed and received a passing grade in

CAD220EN: Back-end Application Development with Node.js and Express

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate Issued January 17, 2025 Valid Certificate ID a65e421ca42c4f349b1a70a3a7f4bed2