



11 Courses

Introduction to Software Engineering

Introduction to HTML, CSS, & JavaScript

Getting Started with Git and GitHub

JavaScript Programming Essentials

Developing Back-End Apps with Node.js and Express

Get Started with Cloud Native, DevOps, Agile, and NoSQL

Introduction to Containers w/ Docker, Kubernetes & OpenShift

Application Development using Microservices and Serverless

Node.js & MongoDB: Developing Back-end Database Applications

JavaScript Back-end Capstone Project

Software Developer Career Guide and Interview Preparation



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Abdellah Hammou

has successfully completed the online, non-credit Professional Certificate

IBM Back-end JavaScript Developer

Holders of this certificate showed their ability to build the backend of a cloud-native application. Learners can develop, deploy, test, run, and manage back-end applications using the utilized tools, technologies, and methodologies including HTML, CSS, JavaScript, Git, GitHub, Node.js, Express, Agile, NoSQL databases, containers, Docker, Kubernetes, OpenShift, DevOps, CI/CD, Microservices, and Serverless computing. They are prepared to take on the challenges of an entry-level back-end developer role.

Rav Singh Ahuja
Global Program
Director
IBM Skills Network

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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