



4 Courses

JavaScript Programming  
Essentials

Developing Front-End Apps  
with React

Developing Back-End Apps  
with Node.js and Express

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



Apr 27, 2024

**Markus Lind**

has successfully completed the online Specialization

# JavaScript Programming with React, Node & MongoDB

Holders of this certificate showed their ability to build interactive front-end JavaScript applications using React components. They demonstrated competency with Node.js by writing back-end applications that communicate with other services via RESTful APIs using the Express framework. They've shown they can implement asynchronous programming, and callback functions that use promises and can connect their Node application with a MongoDB. They understand best practices such as optimization and scaling techniques.

This certificate attests to the learner's completion of an online program delivered via Coursera. It does not constitute formal enrollment at any university or entity and does not itself grant academic credit, grades, or a degree. Institutions or organizations may, at their discretion, recognize this learning toward their own programs or credentials.

*Antonio Cangiano*

Antonio Cangiano  
Director  
IBM Skills Network

*Ramanujam Srinivasan*

Ramanujam Srinivasan  
Chief Architect  
SkillUp

*Upkar Lidder*

Upkar Lidder  
Senior Software  
Engineer  
SkillUp

Verify this certificate at:

<https://coursera.org/verify/specialization/GZZ4X89TPJEF>