



5 Courses

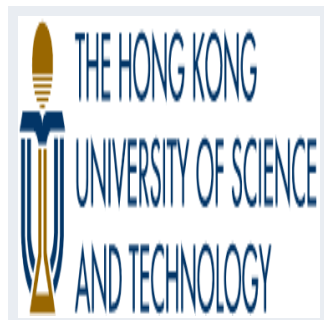
Front-End Web UI  
Frameworks and Tools:  
Bootstrap 4

Front-End JavaScript  
Frameworks: Angular

Multiplatform Mobile App  
Development with Web  
Technologies: Ionic and  
Cordova

Multiplatform Mobile App  
Development with  
NativeScript

Server-side Development  
with NodeJS, Express and  
MongoDB



Jan 27, 2021

**ABDULLAH AL MAHMOOD**

has successfully completed the online, non-credit Specialization

# Full Stack Web and Multiplatform Mobile App Development

In this specialization you learnt to (1) Design a full-fledged Web client application using Bootstrap 4 and Angular, (2) Design a hybrid mobile application using the Ionic framework, Cordova and NativeScript, and (3) Develop server-side support for the web application using Node.js, ExpressJS together with database support using MongoDB.

Jogesh K. Muppala,  
Associate Professor of  
Computer Science and  
Engineering

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.

Verify this certificate at:  
[coursera.org/verify/specialization/4P4BKNBBL4UU](https://coursera.org/verify/specialization/4P4BKNBBL4UU)