Dear Sir,

As an electrical & electronics engineer, my main areas of expertise are embedded systems and computer networks, however I previously had taken online courses on Coursera and Udacity as a hobby focusing on Frontend and Backend structures. During this period, I learned the basics of HTML, CSS, and JavaScript, and also practiced with Ruby, Angular, and node.js. I also gained knowledge about MongoDB and SQL during this period. I am currently focusing again more on Backend development (Docker, Kubernetes, Node.js, Express.js, React Native, Flask, Django), because I thought it would also be useful in the field of embedded systems and IoT. The certificates for these can be seen on my LinkedIn profile:

<https://www.linkedin.com/in/kaan-evran-8463a7263/details/certifications/>

I completed IBM's course on developing REST APIs with Node.js and Express.js. Here is the link to the sample projects I worked on:

<https://github.com/kemechial/expressBookReviews>

<https://github.com/kemechial/IBM_Node_MongoDB>

In the project, BookReviews, while book data under the "books" collection can be viewed by general users, CRUD operations on review data can only be performed by authenticated users. Sessions and JSON Web Tokens (JWT) are used for authorization. Additionally, routes that general users view are defined using promises. You can check out the README file. Furthermore, IBM\_Node\_MongoDB repository includes different examples for different scenarios as examples of working with MongoDB with Node.js (Express).

Your area of business has attracted my attention, because I am also interested in IoT using ESP8266 and ESP32 devices, which perfectly fits to a RESTful API scheme.

Sincerely,

Kaan Evran