



Megaventory

SHORT CODING PROJECT

My name is Yunus Emre

Software Engineering Student

I am a 3rd year software engineering student. I am studying at Manisa Celal Bayar University. I applied for an internship at this company to improve my low level of English. I hope I get this job. I will do my best for this job and I think it will shape the next level of my life.

What did I do in this project

Node.JS

- In this project, I developed a simple web application that integrates with the Megaventory API. With the application, you can switch to information about Megaventory's asset types such as product, supplier/customer and inventory location.
- I've only developed the back-end side of the application so that it doesn't render the front-end. I have not covered other API endpoints as the application only has to cover the Update endpoints of the API.
- The application follows objectified programming (OOP) best practices and will be evaluated based on your design decisions.
- Using the application I have integrated the following entities Megaventory registration requested data.
- I created a relationship between Nike shoes and Babis customer.
- I created a relationship between Adidas shoes and Odysseus clothes.
- Also, I added stock quantity to 5 of them in our Warehouse. I also provided a unit cost of 44.99 for the added stock.
- This way, I've added specific assets, updated relationships and inventory created using the Megaventory API.
- I used Node.js while doing these operations. Also, I used the *axios* plugin.

Have I done a similar project to this project before?

Yes, I made a project similar to this with node js. Within the scope of this project, I set up front-end and back-end structures. In this project, objects such as glass, plastic are converted into a coin named RecycleCoin, and thrown to a friend, etc. I added mechanics (I leave the link below for details). For this project, I used PUG (which has a template engine) for the front-end. I used many plugins like express in the backend of that project.

<https://github.com/EmreDemirci0/RCGeriDonusum>

As a result, what I expect if I get this job

If I am accepted for this job, I expect to encounter many opportunities and experiences. First, entering the borders of the European Union will be an exciting experience in my youth. I will have the chance to meet a new culture, language and lifestyle. This will increase the excitement of living in a new place far from home and will greatly contribute to my personal growth.

It will also be a great opportunity to improve my English level. While working in this job, I will have the opportunity to practice using English actively in daily life. My language skills will improve rapidly and I will feel more confident in overcoming the language barrier.

As a result, if I get this job, I will expect new experiences, cross-cultural interactions and a great improvement in my language skills. While I enjoy working in a field I love, I will also have the opportunity to develop myself personally and professionally.

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Thanks