This work sample is intended to be a way of having a more realistic basis to discuss the development role. We only expect you to spend a short amount of time on these, so, we recognize there are limitations to the scope of what can be completed in this period.

The intent of getting into a specific work sample is to let us work together in a more realistic structure. To that end we will have you walk through the code in a kind of a code review structure. Goal is to understand the mental model you have for development, to see your approach for breaking down problems, and to team development activities like discussing tradeoffs and approaches. Hopefully it will give you a sense of how we work as well.

Let us know when would be convenient in the next week or so for you to walk through the code with us; and send us the link to the github repo 24 hours before that meeting so we have a chance to review before our discussion.

Technical work sample:
Develop an API that demonstrates validation of structured inputs, data persistence, and data retrieval (e.g. user or home data creation and retrieval). This project is deliberately open ended and unspecific. In terms of scope the effort is not intended to occupy more than a short amount of your time so feel free to stub any incomplete portions and include your planned next steps via code comments or pseudo code. Feel free to use templates or tools to make the setup easier (e.g. https://github.com/serverless/examples/tree/master/aws-node-express-dynamodb-api). If you have another project that you can share that lets us cover some of the items below feel free to use that project instead. Please host the source in a github repo you can share with us.

Also, please consider and highlight one or more of the following technical/product considerations in the course of developing the demo:

a. Performance and scalability
b. Quality or test automation considerations
c. Modelling and storage strategies for different types of data
d. Code readability and organization
e. Other technologies or approaches you consider relevant to the problem