Hi Kranthi,

Please get customer response and assignment details

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It was a please to meet Kranthi.  He does have a wide range of experience. However we were not able to get an assessment of his skills/experience for the specific requirements for a Bifrost Dev role.  As I had mentioned before it would be great if he can work on this assignment, which we are hoping will showcase his qualifications.

* Build a RESTful Web API
* Use Node (8.x) as the server engine
* Typescript as the development language
* Use Hapi as the web framework
* Git for source control
* CosmosDB for persistent storage (If cosmos not available, you can use SQLite)
* Include a Readme on how to deploy (local deployment is fine) and test the endpoints
* Expose 4 endpoints (1: add a data element, 1: update data element, 1: delete element, and 1: retrieve data element(s))
* Include Gulp or some build tool to transpile from Typescript to javascript
* You can “borrow” code but please list your sources/references

We’d expect to see a bunch of commits as he gets things working.  We wouldn’t expect him to get everything working but it should be able to run and be tested.

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Thanks,

Pankaj

CommandLine:

C:\Beoing\RESTfulWebAPI>git clone <https://github.com/KranthiSukka/RESTfulWebAPI.git>

C:\Beoing\RESTfulWebAPI>npm install hapi

C:\Beoing\RESTfulWebAPI>npm install @types/hapi

npm install --save @types/hapi

C:\Beoing\RESTfulWebAPI>npm install -g typescript

npm install typings --global

C:\Beoing\RESTfulWebAPI>typings install dt~hapi –save

typings install dt~node --global --save

C:\Beoing\RESTfulWebAPI>npm install -g gulp-cli

C:\Beoing\RESTfulWebAPI>npm install --save-dev typescript gulp gulp-typescript

Add tsconfig.json

{

"files": [

"src/index.ts"

],

"compilerOptions": {

"noImplicitAny": true,

"target": "es5"

}

}

Add gulpfile.js

var gulp = require("gulp");

var ts = require("gulp-typescript");

var tsProject = ts.createProject("tsconfig.json");

gulp.task("default", function () {

return tsProject.src()

.pipe(tsProject())

.js.pipe(gulp.dest("dist"));

});

Manually change index.d.ts file for hapi

<https://raw.githubusercontent.com/DefinitelyTyped/DefinitelyTyped/master/types/hapi/index.d.ts>

install cosmos db emulator and navigate to

<https://localhost:8081/_explorer/index.html>

C:\Beoing\RESTfulWebAPI>npm install async –save

C:\Beoing\RESTfulWebAPI>npm install @azure/cosmos

<https://docs.microsoft.com/en-us/azure/cosmos-db/sql-api-nodejs-application>

POSTMAN – add

<http://localhost:3000/addtask>

body -> raw -> Json

{

"name":"third-member",

"member\_id": "3"

}

POSTMAN – update

<http://localhost:3000/updatetask>

{

"name":"third-member-new-value",

"member\_id": "3"

}