**Job Summary**

We are looking for a talented Full Stack Developer to join our team that pushes the boundaries of the traditional auctioneering through our online platforms. We are looking for someone who comfortable with both front and back end coding languages, development frameworks and third-party libraries.

**What’s involved:**

* Participating in the design and creation of scalable software
* Implementing web applications, web services and native mobile applications
* Work on a modern stack to include NodeJS, React, MySQL, iOS & Android
* Mobile-First, Responsive and Adaptive Design
* Testing and fixing bugs or other coding issues

**Your Background**

* Proven experience in building complex & scalable web-based applications
* Strong organisational and project m…

**Task: Note Taking App**

The basic idea for this is to allow a user to register for an account and allow them to make notes on their account.

**Application Requirements:**

* Setup tables in the MySQL database for:
  + Users
  + Notes
* Develop a simple nodejs rest api to include:
  + [POST] /register ß for registering user accounts
  + [POST] /login ß user sign in with email/password that returns auth token
  + [AUTH] [GET] /account ß retrieves user details
  + [AUTH] [GET] /notes ß retrieves user notes
  + [AUTH] [POST] /notes ß creates a new note
* Create a front end react web app that talks to the api to include:
  + User Register
  + User Login
  + View Account with Create Note & View notes

**Additional Notes**

* Design – If you want to go all out that is entirely up to you however the design of the front-end application will not impact any scoring, this is a development test to see how you code the application, not a design test.
* API framework – Hapi-Js was mentioned during the interview because it has been my preference for previous projects, but it is certainly not a requirement if you are unfamiliar with it. Use anything you are familiar with to complete the task.

**Database:**

* **Users (UserID,** FirstName, LastName, EmailAddress**,** Password**)**
* **Notes(NoteID, UserID,** Note, DateAdded, DateModified**)**