

Coding Assessment

Overview

Thank you for applying for a position at Merlynn Intelligence Technologies, we have reviewed your CV and/or portfolio and have identified you as a **candidate for second level screening**.

An assessment has been designed to assess the coding skills within the following areas:

- a) ReactJS or Svelte development
- b) API integration

The outcome of this assessment will help determine your suitability for the position.

Task 1:

Design a web application in ReactJS (<https://reactjs.org>) or Svelte (<https://svelte.dev>).

The app should have the following functionality:

- a) Pull metadata from the [TOM API](#) for the “Drink choice” model and display the model name and input variables in a form
 - b) A function to query the model and display the decision on the screen
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Task 2:

Enhance the web application in any way(s) of your choosing.

Examples of additions:

- a) Add functionality to store data gathered from the TOM API
- b) Security considerations
- c) Add the batch functionality of the TOM API

Bonus points if you use the following technologies:

- a) TailwindCSS (<https://tailwindcss.com>)

- b) MongoDB (<https://www.mongodb.com>)
 - c) Mongoose (<https://mongoosejs.com>)
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Resources:

API documentation: <https://docs.up2tom.com>

API key: 9307bfd5fa011428ff198bb37547f979

Model ID: 58d3bcf97c6b1644db73ad12

How to submit:

- 1) Upload your code to github
- 2) The repository should contain a README with instructions on how to set up and run the app. The README should also contain a section describing which additions you have added.
- 3) Send a link to the repository to Claire at claire@merlynn.co.za

Good Luck!

