**How to apply**

When applying please can you answer the following questions and complete the short coding piece. Please spend around 1 - 2 hours on it.

1. Code quality and stability is our primary concern with any release. What would you do to ensure these principles are maintained?
2. When working on a project that is used across several different time zones how do you plan deployments where your customers are accessing the product 24 hours a day?
3. FishTank

I need a new JS class library to help me manage my fish tank. Don’t worry about the UI: I will build that. The library should satisfy the following user stories and demonstrate your design, coding and testing abilities.

Here are the user stories:

* + A user should be able to add 3 types of fish to the tank (Gold fish, Angel fish, Babel fish) and name the fish
  + A user should be able to see how much food to put in the tank with a Tank.Feed()  method.
    - This should return the weight in grams of the total required fish food.
      * 0.1g for each Gold  fish
      * 0.2g for each Angel fish
      * 0.3g for each Babel fish
  + A user should be able to push the data about the fish in the tank to an API expecting json.
  + Ensure the design allows me to add more types of fish in the future without having to change the tank class.