

Welcome to Tutuka!

We're looking forward to the opportunity of working with you! We've put together a small project that will give you the chance to experience the kind of work you'll be doing, the technical environment we work in, and say hi to the other developers.

The Project

- The concept behind the project is to perform a financial reconciliation between two different sets of data
- You'll have received these sets of data as two sample CSV files
- All you really need to do is compare the two files, and report on how many transactions match perfectly, versus transactions which cannot be matched
- Those transactions which cannot be matched will need to be reported on, so that a third party could refer to the report and investigate the exceptions
- If a transaction cannot be matched perfectly, you should attempt to look for any close matches and suggest them as possibilities
- Note that this is **not** a file comparison project, this is a transaction matching/reconciliation project
- You do not need to store the results, or provide any further functionality once you have listed the exceptions (and potential matches where possible)
- We've also provided you with Balsamiq screen mockups to give you an example of the flow of the process

Requirements

- You must use the CFML language with Adobe's ColdFusion
- Although no framework is required, it would be preferred – the choice of framework however is yours to make
- The Balsamiq mockups that have been provided are a guide, and the final design can be modified how you see fit
- Please include suitable validation and error handling

Communication

- An important aspect of this trial project is not just the code itself, but trialling working together and communicating with each other
- To this end, our development team use HipChat for collaborating with each other
- However for this project I'd like to have an initial discussion over Skype to clarify the project requirements, and then for any subsequent questions you can either contact me over Skype again, or else send any questions by email to shaun@tutuka.com and I will answer as soon as I am able to
- Note that our typical office hours are on SAST (South African Standard Time, GMT+2) with developers usually online between the times of 7AM and 7PM – you can normally get hold of me from about 10AM till 7PM
- Also, Tutuka uses the Scrum methodology of Agile, which includes daily Scrum meetings – for the trial project, please send through an email to shaun@tutuka.com each day that you work on the project, describing what development you have completed since your last email, what development you plan to complete during that day, and whether there are any questions or issues blocking your progress

Speak soon!

Shaun