# Role: Web-Developer x 3

## What we are looking for

First and foremost: passionate, curious, creative, but responsible software developers with a wide range of competencies.

As an organisation, we are shifting up a gear, targeting bigger and more demanding customers on a continual basis. We need to make our cloud-based video production tool as robust and scalable as possible in order to keep up with the growing demand we are experiencing.

We're very much out of the green field development stage. There's more than enough new feature development to go around, but the emphasis is on doing it sustainably and endowing existing features with greater quality.

In order to be short-listed for this role you will need to be able to:

* Get stuck in at any part in the software stack.
* Actively participate in design and architecture discussions.
* Re-factor existing code. Our codebase is far from perfect (whose isn't?) but it's improved dramatically in the last year and we want to be able to say the same thing in a year's time. We'll need your help on that.
* Share your knowledge and ideas and be a great communicator;
* Have the discipline and determination to embrace test-driven development as a means of growing and maintaining quality software.
* Debug. Bugs happen. You'll be one of the people fixing them when they do.
* Bonus: we plan to build mobile and desktop applications, so experience in these areas will be helpful.

In addition to 3+ years of relevant experience, you will be skilled in the following areas:

* Multiple languages - both modern languages, such as Ruby or Python, as well as lower-levels languages such as C/C++; with Clojure considered a plus...
* Confident (to fluent) in JavaScript, HTML5, CSS and HTTP
* Experience of modern web-development frameworks such as backbone.js
* Solid grounding in object-oriented and database modelling techniques; know your way around a RDBMS, how to read a schema and author efficient SQL
* You will have made contributions in all-tiers within a typical web-application environment and not be *just* a Ruby programmer, or *just* a JavaScript programmer;

By the way, you need to have the right to work in the UK. Sorry. We're not able to provide work permits.

## What our stack looks like

Here's a sampling of some of the interesting moving parts in our stack, in no particular order:

* Ruby (Sinatra/Passenger) and C++
* JavaScript / CSS/ HTML5 (Backbone.js and Handlebars)
* PostgreSQL
* Memcached
* Beanstalk
* ffmpeg and Carbon Coder
* 3rd-party and custom tools for working with media (e.g. mediainfo, mxflib, sox, ffmbc, handbrake)
* UDP file transfer acceleration tools
* Gluster: A distributed file system
* ... all glued together with Chef cloud provisioning tools and scripts

Familiarity with any or all of these is preferred but not required. You're probably going to have to get familiar with most of them though.