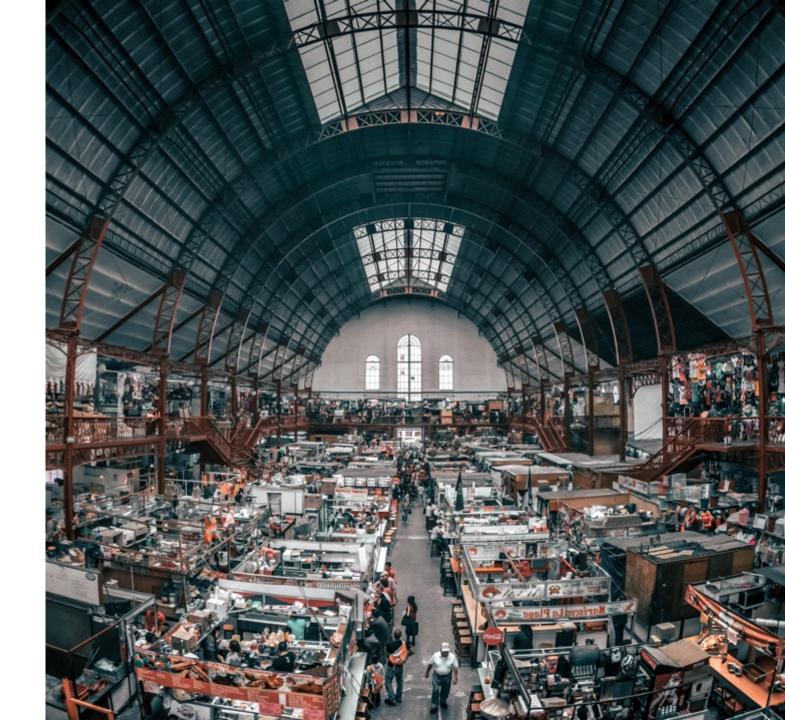# Software Engineer (Back-end)

(80-100%, unlimited)

RethinkResource is a Zurich-based Cleantech startup with the mission to keep valuable materials in the economic cycle. We develop Circado, an intelligent online trading platform for industrial waste- and side-stream materials.

Why we do what we do: Circular Economy

Today's linear 'take, make, dispose' economic model relies on large quantities of easily accessible resources and is reaching its physical limits. A circular economy is an attractive and viable alternative that businesses have already started exploring today. The circular economy aims to keep products, components, and materials at their highest utility and value at all times.

A Circular Economy provides multiple value creation mechanisms that are decoupled from the consumption of finite resources. Certain materials that are considered a residue for one industry can be a valuable raw material for another. There is a whole new world of opportunities to rethink and re-design the way we make stuff. A smarter use of resources will help to protect the environment, reduce waste and climate impact for current and future generations.

The Job:

* Develop and build the backend of our trading platform on our functional stack
* Manage a project involving >10 large industrial players in Europe
* Architect our side-steam & material database(s) and the intelligent search layer on top of it
* Development of that database(s) and integration into the Circado backend / web-API

Your Profile:

* You have a master's degree in Computer Science or equivalent experience
* Previous work experience in software development
* You have experience with web application development and designing relational databases
* You feel comfortable discussing complex technical topics in English, speaking German is a plus
* You are self-motivated and willing to learn the skills needed to solve the problems you will face
* You have a Swiss or EU passport (or another permit that allows you to work in Switzerland)

Nice to Have:

* Experience with functional programming or front-end development
* Interest in Data Science, specifically in the NLP field

Our Stack:

* Elm and JavaScript front-end
* Elixir and Phoenix back-end exposing a GraphQl API
* PostgreSQL database
* GitHub, CircleCi and Heroku as our DevOps tools

What we Offer:

* Meaningful work in a startup environment
* A fair compensation and flexible working hours
* A cosy office at Technopark in the heart of Zurich
* Educational budget if needed

How to Apply?

Send your application to julian@rethink-resource.com