

Get into Clojure and Data!

Up to £40,000pa based on experience

Do you speak SQL and Clojure? Are you a data geek that really enjoys working with databases but understands that the best code is functional, immutable and requires parenthesis? If so, we want to hear from you...

The role

At klene.ai we provide a mix of consultancy and software to companies of all sizes to provide them with solutions for data engineering and analytics. We are currently expanding our development team and are looking for someone with strong SQL skills and experience of writing code in Clojure.

You will be responsible for looking after and updating our legacy data extract jobs, some of which have been in running in production for several years without incident, and others which need to be regularly updated when Google, Facebook, etc, update their APIs. As well as maintenance, you will be helping to migrate the legacy extract jobs into our new code framework, which will enable our consultancy clients to become more self-sufficient.

Another important part of the role is helping to troubleshoot when something goes wrong, it's not always in the extract code, it's sometimes in the client's scheduled SQL jobs. You will need to have a good understanding of SQL and if necessary crawl through the previous SQL transforms to identify the cause of the failure and the solution. Sometimes you may also be called upon to investigate ways to optimise the SQL.

This would be an ideal role for someone looking to move from an analytics role into a data engineering one. Some client contact is involved, but this is usually via Slack or email.

As the rest of the development team are dispersed around the globe, this can be a remote position, however, due to the nature of the work you would be required to work UK hours. You will also need to be based in either the UK or EU for GDPR compliance.

About you

We're looking for someone who is very comfortable with SQL (preferably multiple dialects) and also has a good level of understanding of Clojure. Commercial experience of writing Clojure isn't as important as being able to demonstrate practical experience and an understanding of working with databases and APIs.

You should also have good investigative skills, whether it be identifying the cause of an API failure or crawling through several screens of SQL looking for the bug. Whenever you do find

issues, it's also important to think of solutions that could be implemented to prevent it from happening again or make it easier to troubleshoot. We're big believers in dogfooding and some of the tools you'll be using are the same ones as our clients, and over the years many updates have been made due to the pain experienced by developers trying to identify an issue!

If you're looking for a career in Clojure, this is also a good opportunity to get started as we envisage that from this role, you will move into a more senior role in our application development team.

Our Tech Stack

We love Clojure/Clojurescript and want to use it for everything, so almost all of our data engineering code is written in Clojure. We've started selecting standard libraries for all of our code to ensure that everything has the same level of functionality and that we're using the best libraries for the task. There are also internal libraries that we use for common functionality, such as logging, automatic retries and outputting data to different sources.

Being a data company, we also work with multiple databases. Our clients are using either Redshift or Snowflake as a data warehouse, so all of our code needs to communicate with those. We also have extracts running which bring data out of other databases such as SQL Server, Big Query, Postgres, Oracle and MySQL.

We use AWS for hosting, Github stores all our code repos and everyone in the company uses Slack. There are also various other online services for log management, server/service/code monitoring.

About us

kleene.ai is a fast-growing startup that has been operating for over 3 years and was established with the goal of revolutionising data. We believe that all companies, regardless of size, should be able to easily access and understand their data. Our goal is to provide clients with the ability to access any of their data sources from within a simple interface without any technical knowledge.

This year we expanded both our dev and commercial teams and are expecting further growth before the year is out.

Apply now

Please send your CV and cover letter to careers@kleene.ai, and we look forward to hearing from you.