Murmurations - Seeking Developer/s

The Murmurations Project (an open protocol for data sharing and aggregation) is seeking developers to work alongside the core team.

Now that we have the Murmurations Profile Generator (MPG) and Demo Aggregator up and running pulling in the initial schemas built from shared fields in the fields library, we're entering a new phase of development to create the next few building blocks.

Murmurations has several different layers ideally the new developer would have a good grasp of each of these:

- An understanding of APIs - See the Murmurations API
- JSON-LD
- Interoperable data architecture

We have 3 tech stacks running using the following technologies / tools:

Library and Index:
- Docker
- Golang
- Mongo DB
- Elastic search

MPG and Demo aggregator:
- React
- Next.js
- Firebase
- Algolia
- Leaflet
- RJSF

Wordpress modules:
- PHP
- My SQL
- Wordpress
- React

Tasks

We have already started work on some of the next building blocks (see the blog for more details on these) and are specifically looking for help with item 2 and another front-end task for which we also have funding available i.e. someone with React and Wordpress experience.

1. Updated WordPress aggregator plugin - Development underway
2. React components for filterable map and directory interfaces - Development underway - seeking developer
3. Updated WordPress node plugin using RJSF - Development underway
4. Hosted aggregator back end using Kubernetes and Golang/MongoDB/Elasticsearch - Looking for a developer - seeking developer
5. React front-end on Vercel, with query parameter handling for embeddable map interface - Looking for a developer - seeking developer

We have funding available and are keen to develop ongoing relationships with developers who are interested in supporting the project over the long term. Please contact us, providing links to your previous work and skills, if you are interested in working with us on Murmurations.