Product development in the area of German Geodata

As part of the government’s transparency strategy to initiate Geo Businesses in Germany, states and municipalities have to publish geospatial data with open endpoints, so-called WMS and WFS interfaces. We want to provide multiple microservices based on several endpoints for the real estate and adjacent industries in Germany. We are looking for support in setting up a new microservice.

Your tasks and challenges

- Your task is to set up a microservice that requests data from multiple WFS/WMS endpoints and merge the data into a report for house owners. Input of the microservice is an address in Germany, the output is a document, preferably PDF
- Eventually, a simple UI can be set up to call and test the microservice
- Also, WMS/WFS endpoints need to be crawled with a web scraper to fill gaps in the database

Your skills and strengths

- Open mindset to address challenges with latest tools and own ideas
- Interested in geospatial data provided by government and different public authorities
- Python, to invoke endpoints for geospatial data requests and crawl necessary endpoint addresses
- Basic understanding of web development (HTML, CSS)
- JavaScript for Frontend UI (Angular, React, Vue)

About us

We are a young firm focusing on the development of new digital products for the real estate and adjacent sectors in Germany. As more and more information and geodata will become publicly available in the near future, there is large value creation potential in providing consolidated, easy-to-access data solutions for a variety of customer groups. We are looking for a motivated and interested tech team to support us. We offer a flexible starting date as well as project duration.

Contact information

Interested? Please send an email with your contact details, your CV and a transcript of records to info@grundstuecksdienste.de
We look forward to meeting you!