

Full Stack Developer (f/x/m)

Permanent employee, 30-40 hours/week, hybrid or fully remote

Are you a full stack developer with at least 2 years of professional experience? Do you know your way around user interfaces as well as APIs and data integrations? Are you interested in a position where your work positively affects people all around the world? Then this job might be for you!

Open Knowledge Maps is a young and growing organisation in the field of scientific knowledge discovery. We are building a visual interface that dramatically increases the visibility of research findings for science and society alike. We are a non-profit organisation and we believe that a better way to explore and discover scientific knowledge will benefit us all.

As a full stack developer, you have a major role in delivering relevant scientific knowledge to our users through our free and open services, and you'll work on our codebase that has been made openly available under a permissive open source licence.

Once you join us, you will be:

- Enabling the integration of our services in 3rd party systems
- Developing features for functional and performant user interfaces, which include a search interface and an interactive visualisation client built with React
- Developing and maintaining a PHP-middleware between the visualisation client and our backend Python-API
- Collaborating with product designers and backend developers on new features, quality improvements of existing features and data wrangling
- Testing and error-proofing user interfaces and backend APIs and reacting to problems arising in live systems
- Improving code sustainability and reducing technical debt of the overall system architecture

Your expertise:

Requirements:

- Minimum 2 years of professional experience as a full stack developer
- Strong skills and expertise with fundamental frontend technologies, Javascript/HTML/CSS
- Experience with at least one reactive framework such as React or Vue.js
- Proficiency with server-side languages such as PHP or Python
- Experience with software development lifecycles, from specification to review processes
- Experience with development workflow tools such as Git, webpack, Ansible and Docker
- Fluent English

Nice to have:

- Experience with React, Redux and D3
- Experience with RESTful APIs and microservices containerized with Docker
- Hands-on experience with a variety of data structures and formats, from string manipulation with regex, tabular data in data frames, to nested and hierarchical data in tree structures
- Experience with Flask and Pandas is a plus
- Expertise in R is a plus

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Your competences:

- Ability and drive to solve complex integration issues
- Strong problem-solving skills and attention to detail
- Adaptability, willingness to learn
- Good communication, documentation and collaboration skills
- High motivation and willingness to take responsibility

We offer:

- Friendly, motivated and inclusive team embedded in the international open science community
- Working on a positive, impact-generating product with a charitable cause
- The impact of your work will be directly experienced by a global user base of students, researchers and professionals with various backgrounds
- Room for growth in your role and learning new technologies
- Flexible working hours and working location (within Austria), presence in the office only selectively required
- Nice office in central location in Vienna

Salary: The gross salary for this position ranges between €2,900 and €3,400 per month for full-time (pro-rated in case of part-time), depending on your experience and qualifications.

Seniority Level: Mid-level

Employment Type: Part Time or Full Time (30-40h/week)

Preferred Starting Date: 1 April 2024

If you are interested, please send your application including your CV and a personal statement to info@openknowledgemaps.org.

There is no fixed application deadline, but we are looking to fill this position soon. Qualified applicants can expect an invitation to an interview a few days after submitting their application.

We are looking forward to hearing from you!