

The Institute of Biotechnology of the Academy of Sciences of the Czech Republic at the Biotechnology and Biomedicine Center of the Academy of Sciences and Charles University in Vestec announce an open position:

Programmer for frontend development

We are looking for an enthusiast to join our teams focused on management of biophysical data within the European project MOSBRI and further development of structural bioinformatics tools and services provided within the DATAbase of MOlecular Structures (<https://datmos.org>) project supported by the European research infrastructure ELIXIR.

We offer attractive work connected to development of data management infrastructure for biophysical data in the frame of an international project at the Institute of Biotechnology in the center of excellence Biocev. The main responsibility lies in continuing the design and maintenance of the user interface of a pilot database of biophysical data. The person is expected to actively participate in multilateral international negotiations and to implement the front end of the database.

You would be working within the [Laboratory of Structural Bioinformatics of Proteins](https://www.ciisb.org/) and collaborate with the Centre of Molecular Structure (part of the Czech Infrastructure for Integrative Structural Biology, <https://www.ciisb.org/> and of the European infrastructure Instruct-ERIC, <https://instruct-eric.eu/>) that participates in the EU Horizon 2020 project MOSBRI (<https://www.mosbri.eu/>) focused on provision of open access to biophysical techniques across Europe with a strong accent on definition of data standards and archival of biophysical data.

For details about the role, structure, equipment, and services provided by CMS refer to the web pages at <https://www.ibt.cas.cz/en/core-facilities/centre-of-molecular-structure/>.

Requirements:

- Proven experience with current web frameworks, JavaScript, React, CSS, Python, Jinja
- Teamplayer; documented previous experience in programming projects
- Version control using git and GitHub
- English, written and spoken, intermediate+ level
- Readiness for high workload

Useful to have:

- University education in technical or natural sciences
- Basic understanding of Flask applications
- Basic understanding of containerised development using Docker
- Experience with C++ programming

Start date: immediately, upon agreement.

We offer a fulltime position; part-time position can be negotiated.

The deadline for application submission is 31st August 2023.

Workplace location: Institute of Biotechnology, Biocev, Vestec near Prague, Czech Republic.

Send written applications including a motivation letter and a professional CV in electronic form to address: btu-office@ibt.cas.cz. Informal enquiries can be sent to Dr. Jan Dohnálek, dohnalek@ibt.cas.cz or Dr. Jiří Černý, jiri.cerny@ibt.cas.cz.