

Director
of IT4Innovations National Supercomputing Center
VSB - Technical University of Ostrava
announces a selection procedure for a post of
Innovation Technology Developer - Platform Integration Specialist
for Advanced Data Analysis and Simulations Lab

The position is suitable for both women and men

IT4Innovations National Supercomputing Center is a leading research, development, and innovation centre active in the fields of High-Performance Computing (HPC), Data Analytics (HPDA), Artificial Intelligence (AI), and Quantum Computing (QC) and their applications. We have strong international links and employ more than 200 scientific, technical, and administrative staff. At present, IT4Innovations is running two supercomputers: Karolina (15.7 PFlop/s, installed in the summer of 2021), Barbora (849 TFlop/s, installed in the autumn of 2019), and is a member of the consortium operating LUMI, one of Europe's most powerful supercomputers. IT4Innovations also operates the first Czech quantum computer named VLQ. For more details, see www.it4i.eu.

Activity description:

We are expanding our team by introducing a new position focused on development the integration of quantum machines with classical HPC clusters and extending the software platforms focused on complex computing workflow and data management. This role primarily focuses on communication with stakeholders, including gathering user requirements and synchronizing the development with other project partners on a European scale. Strong communication skills and a proactive approach to taking initiative are highly desirable.

The responsibilities of the candidates for this role are:

- definition of software features based on user requirements focused on integration of heterogenous computational resources,
- participation on feature design decisions and roadmap definition,
- communication with researchers and development team,
- participation on software development process and issue tracking.

Full time equivalent:

full time

Type of job contract:

fixed-term employment

Expected start of employment:

1. 2. 2026 or as agreed

We require:

- proven experience with software development projects and communication with customers,
- proven experience with customers in international environment,
- experience with software development management,
- experience with using software quality assurance methods
- good communication skills in the English language both spoken and written,
- master's degree in management or IT related field.

Candidate advantage:

- experience with working abroad or attending international internship in related field,
- experience with grant proposal preparation.

We offer:

- work in a friendly team fostering open and efficient communication,
- flexible working hours and home office,
- salary evaluation according project conditions and candidate's experience,
- modern tech stack (C#, .NET Core, OpenID, object storages, containerization),
- opportunity to work with cutting edge computing technologies,
- possibility of further education,
- 6 weeks of holidays,
- university kindergarten,
- contribution option to pension plan,
- company catering in the canteen,
- MultiSport card,
- other employee benefits according to the employer's offer (shopping, R&R).

Your personal data will be processed to the extent necessary for the implementation of the selection procedure in accordance with EU Regulation 2016/679.

<https://www.vsb.cz/export/sites/vsb/en/.content/files/Informace-pro-uchazece-o-zamestnani-AJ.pdf>

The application form substantiated with a letter of motivation and CV should be sent electronically to the email address: petra.brozova@vsb.cz until 25. 1. 2026.

In the subject of the email please state "Open Call for the position of the Innovation Technology Developer - Platform Integration Specialist".