Director

of **IT4Innovations National Supercomputing Center**

VSB - Technical University of Ostrava

announces a selection procedure for a post of

Senior Innovation Technology Developer

for Infrastructure Research Laboratory

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:
- development of infrastructure monitoring solution for HPC datacenters,
- development of tools for efficient hardware usage,
- development and implementation of anonymization procedures for HPC job and infrastructure datasest,
- participation and leading of several complex activities in the European project focused on development of energy aware software stack.

Full time equivalent:	full-time employment, 100%
Type of job contract:	fixed-term employment
Expected start of employment:	1. 2. 2026 or as agreed

We require:
- 2 years experience with team leading and project leading,
- university education in IT or a related field, min. required degree Bc. at the time of recruitment,
- at least one year of experience with Linux operating systems and work in bash,
- experience with application development using object-oriented programming,
- knowledge and understanding of HPC applications including their installation, configuration and execution,
- ability and willingness to communicate technical information effectively to users and within project consortia,
- active knowledge of the English language.

Candidate advantage:
- knowledge of application development in C, C++, Python, and Fortran language,
- knowledge of git and CI/CD pipeline development,
- knowledge of auxiliary tools for compilation (EasyBuild, Spack.),
- experience with scientific computing applications.

We offer:
- work in a promising organization,
- salary evaluation according project conditions and candidate's experience,
- opportunity to participate in excellent research team,
- possibility of further education,
- 6 weeks of holidays,
- flexible working hours,
- university kindergarten,
- contribution option to pension plan,
- company catering in the canteen,
- MultiSport card,
- other employee benefits according to the employer's offer.

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 31. 12. 2025.**

In the subject of the email, please state "Open Call for the position of the Senior Innovation Technology Developer for INFRA".