Job Reference

416_22_ES_EDD_RE1

Position

Junior IT Specialist (RE1)

Data de tancament

Dimecres, 30 Novembre, 2022
Reference: 416_22_ES_EDD_RE1
Job title: Junior IT Specialist (RE1)

About BSC

The Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) is the leading supercomputing center in Spain. It houses MareNostrum, one of the most powerful supercomputers in Europe, and is a hosting member of the PRACE European distributed supercomputing infrastructure. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress. BSC combines HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof, and currently has over 770 staff from 55 countries.

Look at the BSC experience:
BSC-CNS YouTube Channel
Let's stay connected with BSC Folks!

Context And Mission

Within the Earth Sciences Department of Barcelona Supercomputing Center (BSC), led by Prof Francisco Doblas-Reyes, the department is looking for a junior candidate to provide technical support to the Earth Sciences department in the areas of application management, data management, and other technologies. The position provides information technology support services to staff and members of the department.

Key Duties

- Maintain and further develop the IT services of the Department, including GitLab, Jenkins, Openstack platforms and any other service application.
- Regularly collect user requirements in terms of technical needs, and develop strategies to address them.
- Update, deployment, maintenance and decommissioning of Department IT applications and software stack.
- Contribute to the deployment of scientific software stack in new computing platforms (mainly HPC or cloud facilities)
- Provide creative solutions to improve the quality of service, and to maintain the operationality of servers and workstations.
- Keep track of these procedures and solutions and help to improve the user documentation by updating the department wiki and contributing to the regular newsletter.
- Actively monitor service status and ensure high availability.

Requirements

- **Education**
  - Bachelor in Computer Sciences or IT qualification or certification.

- **Essential Knowledge and Professional Experience**
  - Familiarity with workstation and Linux server environment. Experience in advanced software management will be highly valued.
  - Familiarity with scripting (e.g. Bash, Python, PowerShell, etc)
  - Experience in monitoring solutions (Nagios, Grafana, Ganglia) will be valued.
  - Knowledge and experience with cloud based solutions will be valued (AWS, Azure, Oracle, etc).
  - Experience working with containerized applications (Docker, Singularity, Kubernetes) will be appreciated.
  - Interaction with users to support them and help them solve their problems.
  - Fluency in spoken and written English, while fluency in other European languages will also be valued.

- **Competences**
  - Capacity to interact and build strong relations with both Earth and computer scientists.
  - Initiative, responsibility and good organization skills.
  - Enthusiastic and passionate about having a career in IT applied to Earth Sciences.

Conditions

- The position will be located at BSC within the Earth Sciences Department
- We offer a full-time contract, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible working hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
- Duration: Open-ended contract due to technical and scientific activities linked to the project and budget duration
- Salary: we offer a competitive salary commensurate with the qualifications and experience of the candidate and according to the cost of living in Barcelona
- Starting date: ASAP
Applications procedure and process

All applications must be made through BSC website and contain:

- A full CV in English including contact details
- A Cover Letter with a statement of interest in English, including two contacts for further references - Applications without this document will not be considered

In accordance with the OTM-R principles, a gender-balanced recruitment panel is formed for every vacancy at the beginning of the process. After reviewing the content of the applications, the panel will start the interviews, with at least one technical and one administrative interview. A profile questionnaire as well as a technical exercise may be required during the process.

The panel will make a final decision and all candidates who had contacts with them will receive a feedback with details on the acceptance or rejection of their profile.

At BSC we are seeking continuous improvement in our recruitment processes, for any suggestions or feedback/complaints about our Recruitment Processes, please contact recruitment [at] bsc [dot] es.

For more information follow this link

Deadline

The vacancy will remain open until suitable candidate has been hired. Applications will be regularly reviewed and potential candidates will be contacted.

OTM-R principles for selection processes

BSC-CNS is committed to the principles of the Code of Conduct for the Recruitment of Researchers of the European Commission and the Open, Transparent and Merit-based Recruitment principles (OTM-R). This is applied for any potential candidate in all our processes, for example by creating gender-balanced recruitment panels and recognizing career breaks etc.

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

For more information follow this link

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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