

Computing Engineer (Storage Developer / Engineer)

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Employer	CERN - European Organization for Nuclear Research
Location	Switzerland
Posted	November 07 2016
Discipline	Physical Sciences, Information Technology
Position Type	Full Time

Functions

As a member of the IT Storage Group, the successful candidate will:

- * Participate in the design, development, maintenance and optimization of the various data and storage management products of the group.
- * Contribute actively the product documentation and testing infrastructure maintained by the development team.
- * Contribute actively to in service design discussions with software deployment teams in ST group and teams at collaborating sites deploying the groups data management solutions.
- * Participate actively in strategic development collaborations of the group such as the XROOT project and the development collaboration as part of openlab projects.
- * Interact with end-users as part of the level-4 support provided by the ST development team.

Qualification required

- * Master's degree or PhD or equivalent relevant experience, in the field of Information Technologies or a related field.

The candidate should have knowledge and practical experience in the following areas:

- * Excellent object-oriented design, development

skills in C/C++.

- * Excellent understanding of system level disk and network I/O and multi-threading concepts.
- * Practical understanding of the Linux operating system administration.
- * Practical experience and in depth skills in UNIX shell script, Perl or Python programming.

The technical competencies required for this post are:

- * Programming/Software development: solid knowledge of the linux operating system environment; design, creation, testing using C++, C and Python.
- * Application support: application maintenance and support services investigating and resolving issues and providing information about the systems.
- * User relationship management: ability to liaise effectively with both users and other teams providing it services; systems integration/installation/decommissioning.

The language competencies required are:

- * Spoken and written English: ability to draw-up technical specifications documentation and/or scientific reports. Basic knowledge of French or an undertaking to acquire it rapidly.

Eligibility conditions

- * Employing a diverse and international workforce is a CERN core value and central to our success. We welcome applications from all Member States irrespective of gender, age, disability, sexual orientation, race, religion or

personal situation.

* This vacancy will be filled as soon as possible, and applications should normally reach us no later than 30.11.2016.

* We offer a limited-duration contract for a period of 5 years. Limited-duration contracts shall terminate by default on their date of expiry.

* Subject to certain conditions, holders of limited-duration contracts may apply for an ind

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