

## Call for contribution of expertise

CERN invites collaborating institutes and universities to contribute with the expertise of their qualified employees to the activity described below.

*Start date:* 1.09.2019

*Duration:* One year, possible extension to a maximum of up to 3 years.

*Project/Activity:* Full-stack software developer

### *Detailed description of Activity:*

As a member of the DevOps team in the Asset & Maintenance Management Service at CERN, you will help us build, integrate and support next generation of applications based on CERN's Enterprise Asset Management Platform.

- Convert the concepts and visual designs into engaging, dynamic and interactive single-page web applications using latest tools and technologies.
- Design and implement external facing SOAP and REST APIs (Java EE/Spring) used internally and CERN wide.
- Produce high quality software that is well-designed, documented, tested and code-reviewed.
- Participate in the common effort of providing user support and assistance to our user community consisting of some 3000 technicians and engineers.

*Profile:* Master degree in IT/Software Engineering or equivalent technical experience. Working knowledge of JavaScript (and its interplay with HTML5 & CSS), Java Enterprise Stack, Integration Technologies, Maven and Git. Knowledge and experience of relational databases and SQL would also be a strong asset.

*Specific details:* The expert will be working in a dynamic team and will be given the opportunity to specify, design, document and deliver functionality and projects that will integrate and extend the use of our different tools for asset and maintenance management at CERN. This could include mobile applications, enterprise software integrations, data analysis or integrations with the Internet of Things. Good working knowledge of either English or French is required.

*Status at CERN:* Associated Member of the Personnel (Project Associate).

Conditions in accordance with CERN's Staff Rules and Regulations and Administrative Circular No. 11. Subsistence allowance is payable by CERN to cover the additional cost arising from the individual's (and, as applicable, their family's) stay in the local area while performing activities at CERN.

*Option:* Collaborating institutes and universities can propose to support the activity of the qualified employees participating in this "Call for contribution of expertise" with students or other employees. Their status and Subsistence allowance when applicable will be adapted to their relation with their institutions

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*Reference:* 2019\_Q2\_016