

## 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:* Asap

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

*Project/Activity:* Web Software Engineer for Telephony, Webcast and Videoconference apps

### *Detailed description of Activity:*

You will be involved in many projects in relation with Real-time communication services, the first of which will be the development of the webRTC-based telephony client for desktops and mobiles. You will also participate in the general consolidation of the webcast infrastructure, dynamic web site and streaming cluster, and on the development of monitoring/log analysis workflows for Webcast/Vidyo and Telephony services using Elastic Search and Kibana.

*Profile:* Master degree in web engineering or equivalent. Experience with frontend web development (React) and Python (Django/Flask) is desirable, but other frameworks and libraries will be considered as well. Knowledge of version control systems like GIT and tools like Openshift and Docker.

*Specific details:* Extensive experience in software development, quality assurance, and testing, especially on the web. Experience in mobile development would be an asset. Spoken and written English.

*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

*Contact person:* Víctor M. González

*Reference:* 2019\_Q2\_008