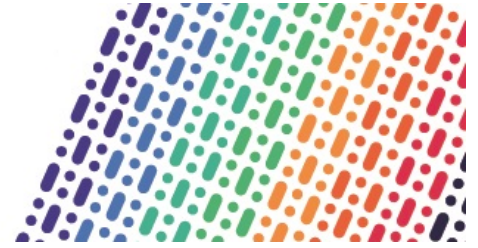


Pierpaolo Lucarelli



CERN openlab summer student 2017

Posted on August 28, 2017 August 28, 2017 by Pierpaolo Lucarelli

I was lucky enough to have been selected among more than 1500 applications to be a summer student in the CERN openlab (<http://openlab.cern/>) programme.

This was a unique experience where I got to work on an exciting project and met some of the world's most interesting and smart people.

My project

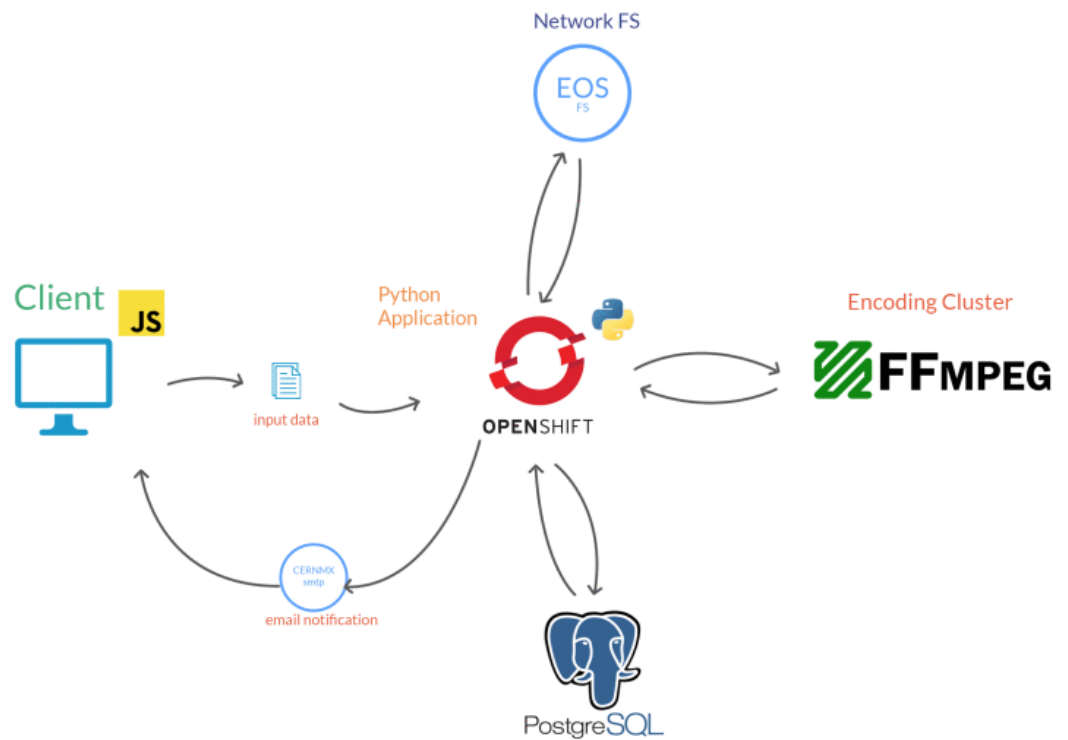
Project repository: <https://gitlab.cern.ch/webcast/AVEditor/tree/openshift/>
(<https://gitlab.cern.ch/webcast/AVEditor/tree/openshift/>)

During my internship I worked in the **webcast** team developing a Video editing and encoding application based on the FFmpeg (<https://www.ffmpeg.org/>) codec library.

The application was aimed at speeding up the process of editing CERN's virtual visits of various experiments, such as CMS (<http://cms.web.cern.ch/org/cms-public-web-site-has-moved>) and ATLAS. (<https://atlas.cern/>)

Some of the technologies that I used to develop this applications are:

- Python & Flask
- FFmpeg library
- EOS network FS
- Openshift (<https://www.openshift.com/>)



Summer student life at CERN

The people that I met are definitely one of the best things about CERN. My project supervisor was great and the staff were really friendly and always available to help.

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