

DOMINGO RIVERA BARROS

Computer Engineer

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EXPERIENCE

Cloud Infrastructure Engineer

CERN - Cloud Infrastructure team

📅 September 2021 – Present 📍 Switzerland

Tech Stack: *OpenStack, Linux, Python, Bash, Puppet, MySQL, InfluxDB, Prometheus, Grafana, Rundeck, CI/CD*

- Responsible for monitoring the Cloud Service, ensuring high availability and performance through proactive monitoring.
- Developed and maintained automation tools for the Cloud Service, streamlining operations and improving efficiency.
- Played a key role in configuring, managing, and continuously improving CERN's Cloud Service infrastructure (OpenStack).
- Managed and maintained the CERN OpenStack web application, ensuring its availability and performance for thousands of users.
- Member of the Cloud Service support team in charge of addressing user incidents and requests, providing solutions and support for a large-scale infrastructure that serves thousands of users. This infrastructure includes nearly 10,000 physical servers, 13,000 virtual machines, and almost half a million cores.

DevOps Engineer/Infrastructure Engineer

CERN - Infrastructure and Automation team (Databases Group)

📅 July 2018 – July 2021 📍 Switzerland

Tech Stack: *Linux, Python, Puppet, Ansible, Nomad, Docker, Kubernetes, CI/CD, InfluxDB, Telegraf, Grafana, Filebeat, Logstash*

- Contributed to the migration of several systems to a container-based infrastructure using Nomad and Kubernetes.
- Led the migration of hardware and application monitoring and alarming sensors to Collectd.
- Continuously improved the group's configuration elements using Puppet.
- Member of the support team in charge of the physical and virtual platform of the group.

Web Developer **Conexiona Telecom**

📅 February 2018 – May 2018 📍 Spain

Internship student - Developed the notifications system for the web application managing the company's financial records.

System Administrator **University of Vigo**

📅 November 2017 – March 2018 📍 Spain

Internship student - Provided support in managing the computing infrastructure of approximately 500 computers and peripherals, covering hardware and software management, maintenance and troubleshooting.

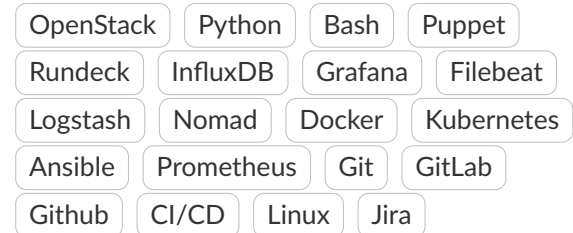
"Enthusiast, optimistic and efficient team player. Always willing to learn, contribute and help solve problems to achieve the best results."

LANGUAGES

English
French
Spanish
Portuguese



SKILLS



EDUCATION

B.S. in Computer Engineering

University of Vigo

📅 2020 📍 Spain

Bachelor's thesis: ESEI Monitoring System

Erasmus Programme. Computer Engineering

Bialystok University of Technology

📅 2016 📍 Poland