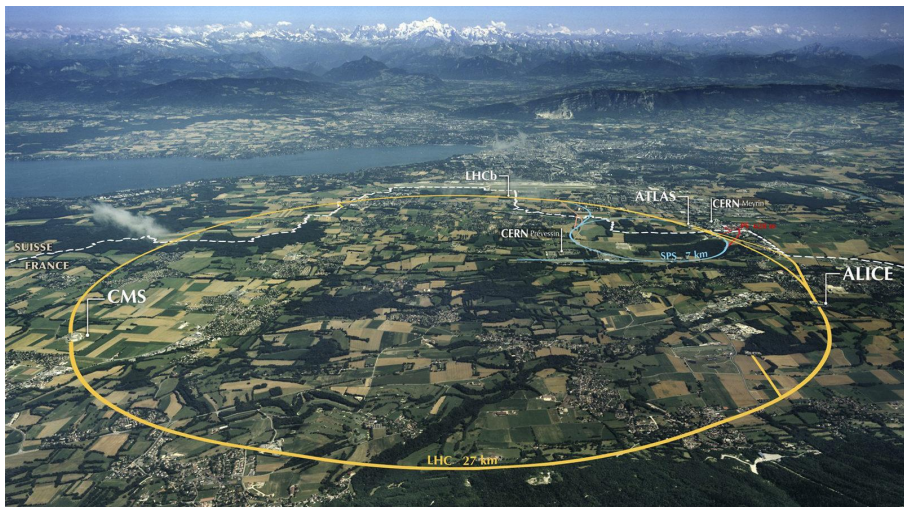


# WORKING AT CERN.

Pablo Medina Ramos •

February 2026





Meyrin Data Center (Oppenheimer Street)



# PERSONAL\_CV

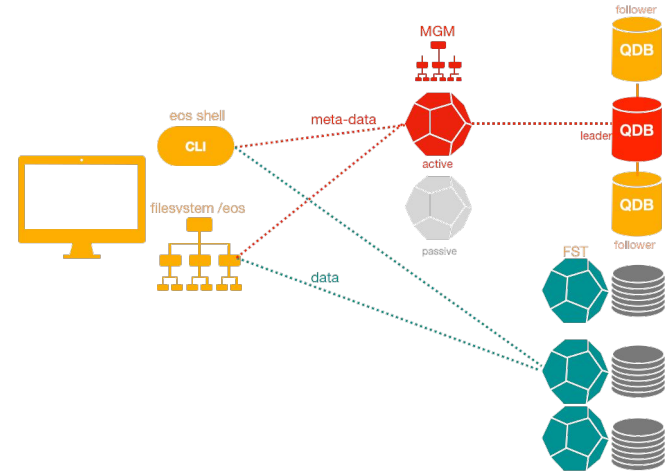
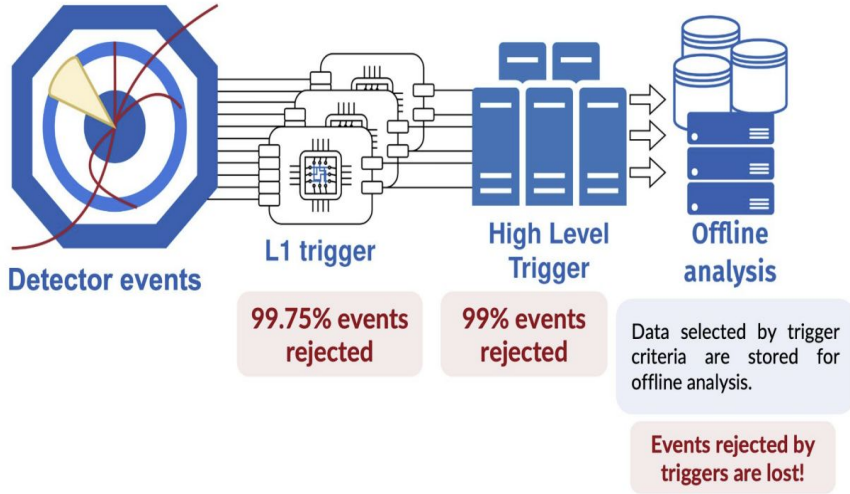
## EXPERIENCE:

- Associate DevOps Engineer - Kyndryl (Granada)
- Senior Associate Site Reliability Engineer - Kyndryl (Granada)
- DevOps Engineer - Cern (Meyrin)

## EDUCATION:

- BSC in Mathematics (UGR)
- MSc in Cybersecurity and Privacy (UOC)
- MSC in Artificial Intelligence and Data Engineering (UNIR) - Not Finished yet.



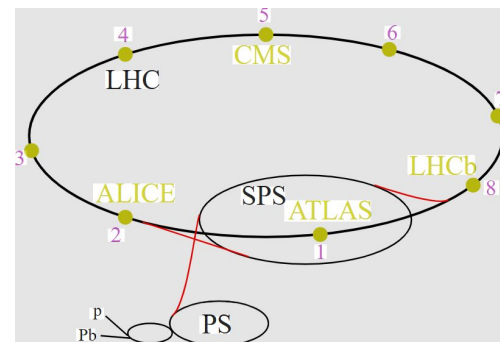
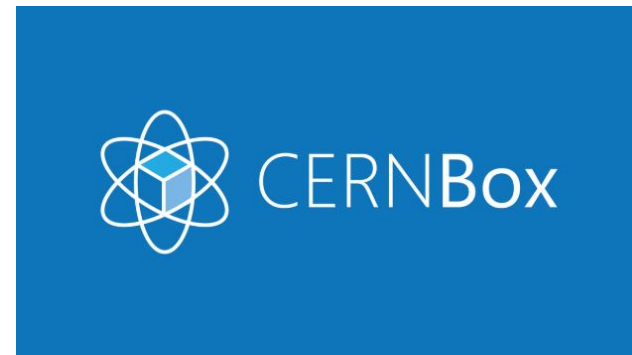


Why is storage critical for CERN?

- Simple! Without data, there is no data analysis and no new physics.



- Automated operational workflows with **Python & Bash**.
- Advanced Linux administration in **HPC environments** (Red Hat / AlmaLinux)
- Management of distributed storage infrastructure
- Automation of user lifecycle, quota control & project management
- Configuration management & deployments with **Puppet**.
- Troubleshooting of critical services (SSSD, disk quota, durability, replica placement, draining)
- Monitoring, capacity planning & system optimization
- Development of custom Prometheus exporters with **Python & Golang**.
- Participation in hardware refurbishments between **Meyrin & Prévessin Data Centers**.
- Weekly on-call ROTA, supporting major CERN experiments including **ALICE, ATLAS, CMS or LHCb** and CERNBOX users.



77% of our personnel are engineers, technicians and administrative profiles. So only 23% are physicists.

**CERN CAREERS**

## ELIGIBILITY CRITERIA

Only nationals of CERN Member or Associate States can apply; exceptions require special approval.

Good knowledge of English or French is required; previous CERN experience may affect eligibility.

Some programs have specific requirements regarding residence, university support, or career breaks.

Education and experience vary by program: from secondary education for technical roles to PhD for scientists and engineers.

Students and interns must be enrolled and meet minimum study periods; associate programs require employment at their home institute.

## CONTRACT TYPES

**Staff contracts** start as Limited Duration (LD) for a few years, extendable up to 8 years; Indefinite Contracts (IC) are competitive and not guaranteed.

**Graduate and Research Fellowship contracts** usually last 2 years, extendable to 3, for graduates and postgraduates enhancing skills in a scientific environment.

**Student and Internship contracts** are short-term (1–14 months) for practical learning, including PhD students conducting research at CERN.

**Associate contracts** allow external professionals to collaborate on projects for a few months, contributing expertise and benefiting from CERN's environment.

**My personal experience ...**