

Job offer: GC-202409 Director of Platform Operations Unit

Founded in 2015, Genomcore is at the forefront of transforming precision medicine from the research sphere into practical diagnostics and patient-centric healthcare systems. We have developed a unique technological framework, the **Genomcore Biomedical Information Management System (Genomcore BIMS)**, which provides a unified multimodal datastore capable of managing genomics, medical imaging, time-series, and other clinical data types. Enhanced by a low-code framework, it enables the rapid development of custom e-health solutions, significantly reducing the time, expertise, and costs typically associated with creating digital therapeutic tools and Software as a Medical Device (SaMD).

We are proud of our strategic partnerships with industry giants like Amazon Web Services, Microsoft, and MongoDB, along with esteemed global IT integrators such as Telefónica, Fujitsu, IQVIA, and NTT Data, among others. These collaborations solidify our position as a leading technology provider in advanced biomedical data management for precision health, serving both private and governmental diagnostic healthcare providers.

As Genomcore BIMS continues to expand its customer base and supported use cases, we are forming a new unit to centralize and streamline responsibilities currently managed by the Bioinformatics and Technology departments. This new unit aims to clearly separate platform operations and associated tools from project-specific bioinformatics developments and product-oriented software development. In our pursuit of excellence, we are excited to welcome a seasoned and visionary **Director of Platform Operations** to lead a multidisciplinary team focused on delivering the highest quality service to both internal and external platform users, as well as overseeing the development of cross-functional tools in the areas of bioinformatics and clinical informatics.

This role will report directly to the CEO and collaborate closely with senior leadership across the Product, Technology, and Bioinformatics units.

Role Responsibilities

We are seeking a **Director of Platform Operations** to lead the Platform Operations unit, with the following responsibilities:

- **Team Leadership:** Lead and mentor the Platform Operations multidisciplinary team, including responsibilities for hiring, supervision, performance evaluation, skills development, and ensuring strategic alignment of the unit.
- **Public Platform Apps Development:** Develop and maintain multifunctional shared tools (BIMS apps), often in collaboration with other units, for broad customer use. These tools include, but are not limited to, genomic data processing pipelines, ETL tools for standard clinical data formats, and a supporting toolset for other applications.
- **SDK Development and Documentation:** Develop, maintain, and document public SDKs (currently in Python and R) to interface with the platform's API, as well as client-side supporting scripts and examples.
- **Maintenance of Public Databases and Related Artifacts:** Ensure public databases, such as ontologies, annotation databases, and reference genomes, are kept up to date and properly integrated into the platform.
- **Public Documentation and Support Materials:** Ensure that the platform's public documentation is always up to date and develop tutorials and support materials to promote platform adoption. This includes demo projects, videos, and other resources to help users interact with and understand our tools.
- **Testing and Release Cycles:** Coordinate functional testing and manage the release cycle for new platform features, ensuring quality, stability, and seamless integration. Additionally, ensure the availability and proper functioning of tools, SDKs, and support materials with each new version.

Role Requirements

- A **Bachelor's degree in Computer Science, Bioinformatics, or a related field** is required. A PhD relevant to this role will be a strong advantage.
- At least **5 years of relevant experience** managing technology platforms or advanced computational tools, preferably in bioinformatics, clinical informatics, or life sciences.
- Proven experience in **software life cycle management** and **product management** is essential.
- Proficiency in **standard bioinformatics pipeline systems** (e.g., NextFlow, Cromwell, Snakemake), **common scripting languages** (e.g., bash, Python, R), **Docker containers**, and **code versioning systems** (Git) is required.
- Strong **leadership, team management, and cross-department collaboration skills**. Proof of experience managing multidisciplinary teams and/or coordinating product-related projects is required.
- Professional proficiency in both **English and Spanish**. Knowledge of Catalan will be a strong plus.

What's on offer

- **Position Type:** Full-time, permanent role (40 hours/week).
- **Salary:** Competitive annual gross salary commensurate with experience and qualifications.
- **Office Presence:** This role offers either a full-remote or hybrid work model (requiring presence in the office on Tuesdays and Thursdays during core hours)
- **Work Schedule:** Core hours are from 9:00 to 13:00. Outside of these hours, there's flexibility to accommodate your needs.
- **Professional Development:** Continuous learning and growing opportunities within one of the leading companies in the data-driven healthcare industry.

The personal data provided will be processed by Genomcore, S.L. and limited to attend your job request and/or, eventually, manage the recruitment process for the specific position at Genomcore. You can exercise the rights listed in GDPR articles 15 to 22. For more information, please read our Privacy Policy at <https://genomcore.com>